WATER QUALITY DATA

ONTARIO LAKES AND STREAMS

1984

VOLUME XX

NORTHWESTERN

AUGUST 1991

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WATER QUALITY DATA

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1984

VOLUME XX
NORTHWESTERN REGION

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Report prepared for:
Water Resources Branch
Ontario Ministry Of The Environment

AUGUST 1991

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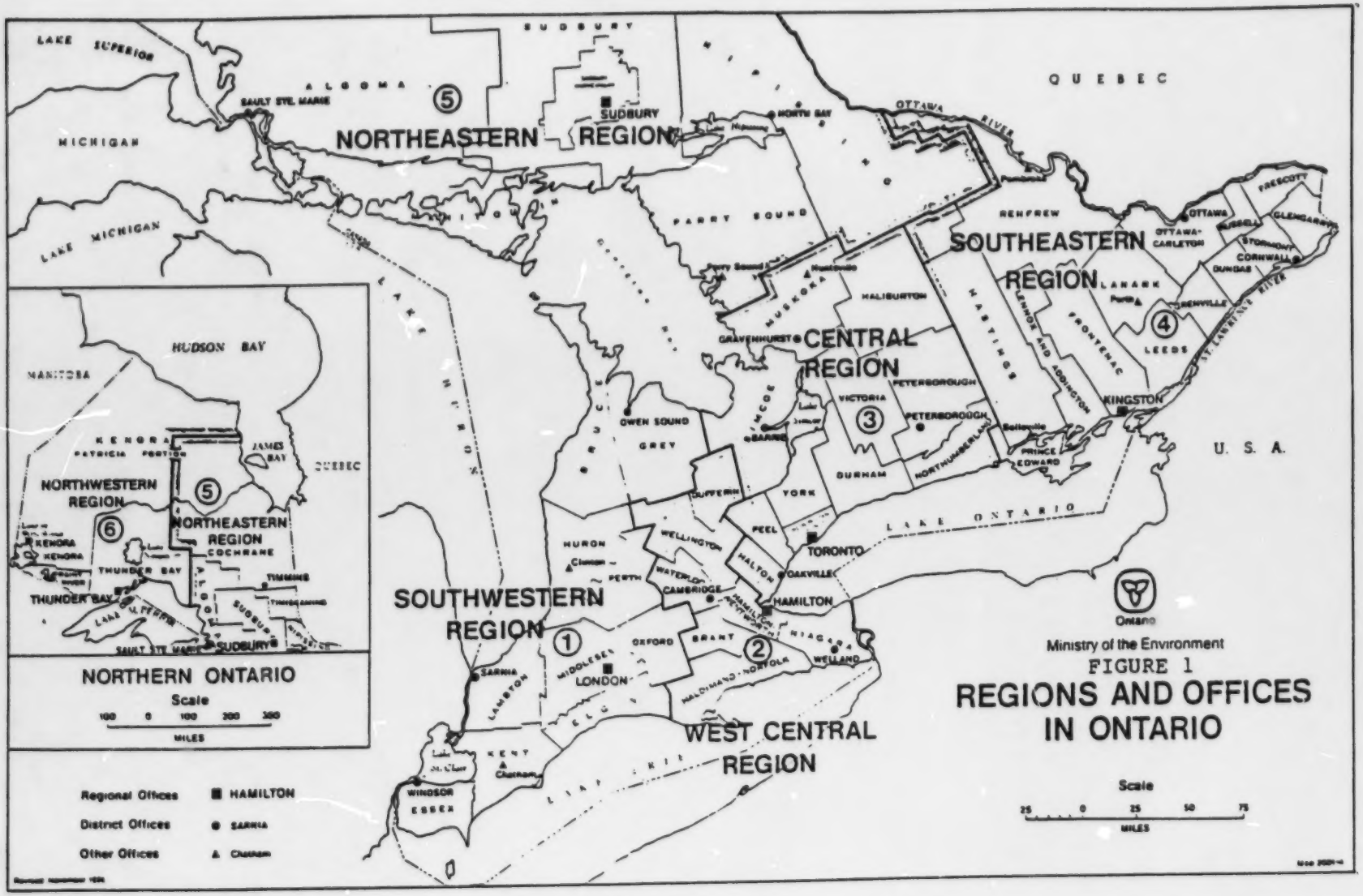
INTRODUCTION

"Water Quality Data Ontario Lakes and Streams, 1984, Volume XX, Northwestern Region", is a revised version of the previously published series entitled "Water Quality Data for Ontario Lakes and Streams, 1981, Volume I-XVII", published by the Water Resources Branch of the Ontario Ministry of the Environment. The data presented in this publication were collected by the Water Resources Assessment Units of this Ministry's six Regional Offices (Figure 1) with the assistance of local Conservation Authorities. The information provided in this publication is compiled and published by the Watershed Management Section of the Water Resources Branch. The data result from a routine sampling program designed to provide a long-term record of the water quality information at specific points on rivers and inland lakes in Ontario.

Sampling station locations have been selected to meet one or more of the following requirements: (1) to measure quantitatively and qualitatively the materials discharged from tributary streams to the terminal basins; (2) to monitor the effects of wastewater discharges on a watercourse; (3) to provide data that can be considered generally representative of water quality conditions in a certain area.

The information is used by the Ontario Ministry of the Environment to maintain surveillance over water quality and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are also made available to any person or agency concerned with the quality of Ontario's rivers and lakes. The booklet "Water Management Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment", 1978 (Revised May, 1984) outlines the current policies for water management in Ontario.

Samples are analysed for some or all of the following parameters: counts of total and fecal coliforms, enterococci, Pseudomonas aeruginosa and escherichia coliforms, concentrations of biochemical oxygen demand, total phosphorus, filtered reactive phosphate, filtered ammonia, total Kjeldahl nitrogen, filtered nitrite and nitrate forms of nitrogen; total suspended and dissolved solids; levels of conductivity and turbidity; concentrations


NORTHEASTERN REGION
SOUTHEASTERN REGION
CENTRAL REGION
SOUTHWESTERN REGION
WEST CENTRAL REGION
NORTHWESTERN REGION
NORTHEASTERN REGION
NORTHERN ONTARIO
Scale
MILES
Regional Offices
HAMILTON
District Offices
SARNIA
Other Offices
Chatham
Ministry of the Environment
FIGURE 1
REGIONS AND OFFICES IN ONTARIO
Scale
MILES
LAKE SUPERIOR
LAKE MICHIGAN
LAKE HURON
LAKE ONTARIO
LAKE ERIE
MICHIGAN
QUEBEC
U. S. A.
SUDBURY
SAULT STE. MARIE
NORTH BAY
TORONTO
HAMILTON
KINGSTON
OTTAWA
LONDON
WINDSOR
SARNIA
THUNDER BAY
KENORA
TIMMINS
HUDSON BAY
MANITOBA
JAMES BAY
OWEN SOUND
BARRIE
PETERBOROUGH
BELLEVILLE
CORNWALL
OTTAWA RIVER
ST. LAWRENCE RIVER

of chlorides, sulphates, unfiltered reactive silicates, acidity, alkalinity; units of pH; concentrations of total iron, phenols, hardness, calcium, magnesium; units of colour; concentrations of potassium, sodium, total organic carbon, chemical oxygen demand, solvent extractables, arsenic, mercury, aluminium, chromium, copper, lead, cadmium, zinc, manganese, nickel, fluoride, cyanide and cobalt.

In addition, radiochemical analyses are conducted on selected samples and the results are expressed as levels of ionizing radiation (i.e. the number of nuclear disintegrations per second). Selected samples are analysed for some or all of the following radiochemical parameters: gross alpha, gross beta, radium-226, total uranium, cesium-137, cesium-134, cobalt-60, tritium and iodine 131.

Some samples are also analysed for some or all of the following synthetic organic parameters: concentrations of PCB, PCP and 2,4,5-T.

The water quality monitoring program commenced in July 1964 in Southern Ontario and currently consists of a total of 763 stations throughout Ontario. The following maps (figures 2 and 3) show the Southern and Northern Ontario Terminal Basins which are used to identify the sampling station locations. Definitions or brief descriptions are provided for the more common parameters of pollution under the section entitled Interpretation of Data.

Other water quality monitoring programs such as the Sport Fish Contaminant Monitoring Program which is co-ordinated by the Ontario Ministries of Natural Resources, Environment and Labour are not discussed in this publication. A summary of health implications of contaminants in fish with a listing of test results from each fish sampling location can be found in the Ministry publication, "Guide to Eating Ontario Sport Fish." This publication is updated annually and is available free of charge from the Ministry of the Environment, Water Resources Branch, 135 St. Clair Avenue West, Toronto, Ontario, M4V 1P5, telephone (416) 323-4994.

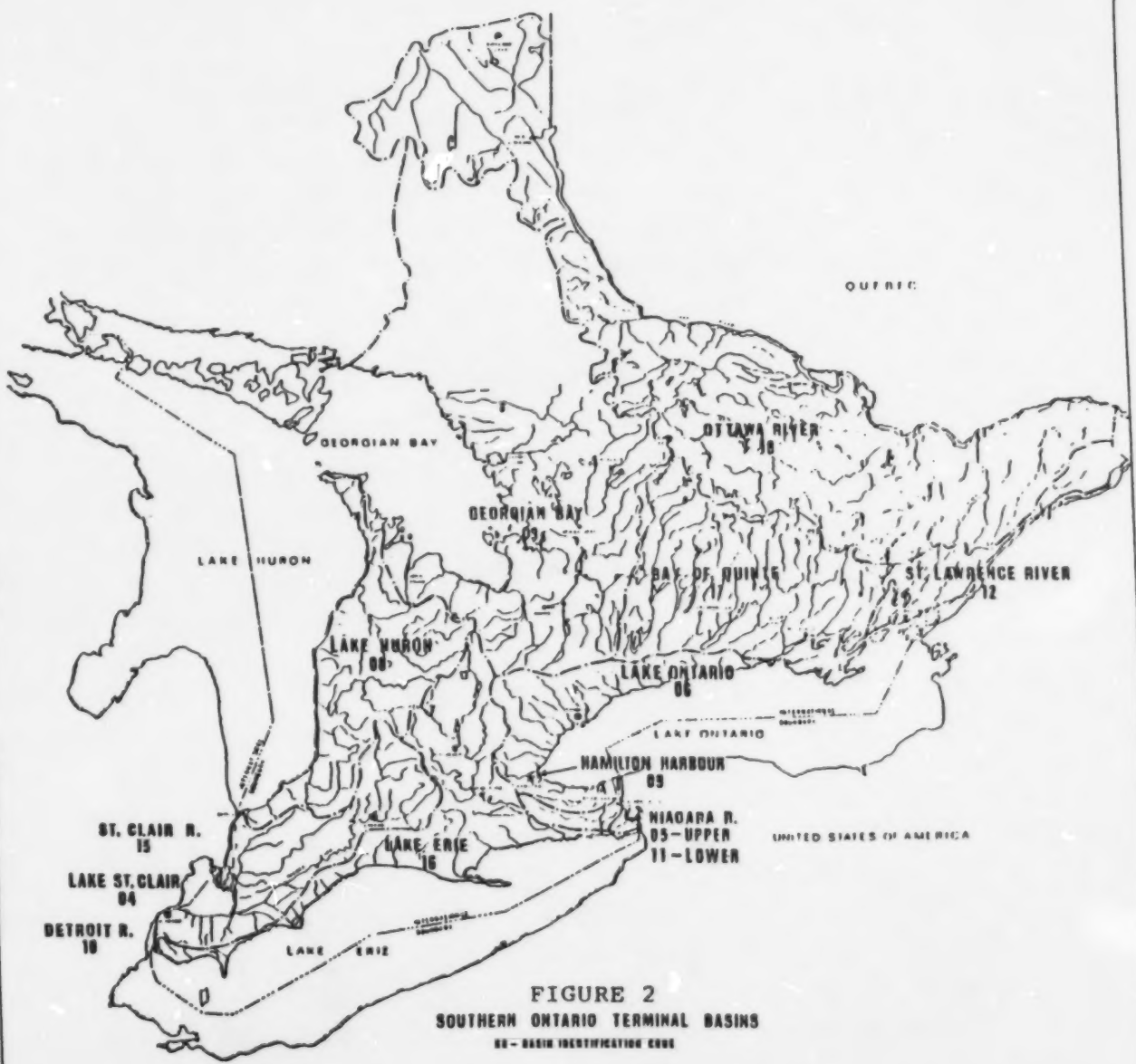


FIGURE 2

SOUTHERN ONTARIO TERMINAL BASINS

XX – BASIN IDENTIFICATION CODE

FIGURE 3

NORTHERN ONTARIO TERMINAL BASINS

19- BASIN IDENTIFICATION CODE

The streamflow station network in Ontario is not discussed in this publication. Whenever streamflow data exists at tributary locations which are coincident with the water quality monitoring station locations, data on mean daily discharges are reported along with the water quality data. The collection of hydrometric data in Ontario has been carried out under a Memorandum of Agreement between the Government of Canada and the Province of Ontario since April, 1975. The Province of Ontario is represented in the Agreement by the Ministry of the Environment, the Ministry of Natural Resources and Ontario Hydro. These agencies meet at regular intervals with the Water Survey of Canada to administer the Agreement. Streamflow data for Ontario are published annually as surface water data by the Federal Government.

NETWORK MAP SHEETS

Individual station locations are identified on specially prepared network maps. These network maps have been drawn to conform approximately to the boundaries of the Ministry's Regions, and are grouped according to Regions. Two index maps (Figures 4 and 5) illustrate individual map sheet coverages within the Province.

The following procedures were used in the preparation of the maps. Individual base maps within a Region were assembled using the National Topographic Series maps at a scale of 1:250,000. In northern Ontario, this was reduced to a scale of 1:500,000 in the Lake Superior and Nelson River basins, and to a scale of 1:2,000,000 in the Hudson Bay basin. For each base map, an overlay of the river systems was prepared, showing major watershed and Ministry of the Environment Regional boundaries. Numeric terminal basin and stream codes were added, and active water quality monitoring stations were located on each overlay and referenced with station numbers. The overlays were then reduced to approximately 40% of their original size for purposes of this publication.

The previously-mentioned terminal basin and stream code, when combined in sequence with a given station number, together form a unique station identifier which appears as the "Station ID". The "Station ID" is listed for all active monitoring stations in the "Sampling Station Directory", an alphabetical listing of terminal streams monitored in Northwestern Region (See Sampling Station Directory).

The location of stations in the Northwestern Region are shown in figures 6, 7, 8, 9, 10, 11 and 12. The locations of the other stations in the other regions and in other parts of Ontario such as those located on the Great Lakes or those operated by the Water Quality Branch, Ontario Region, Environment Canada, are not included.

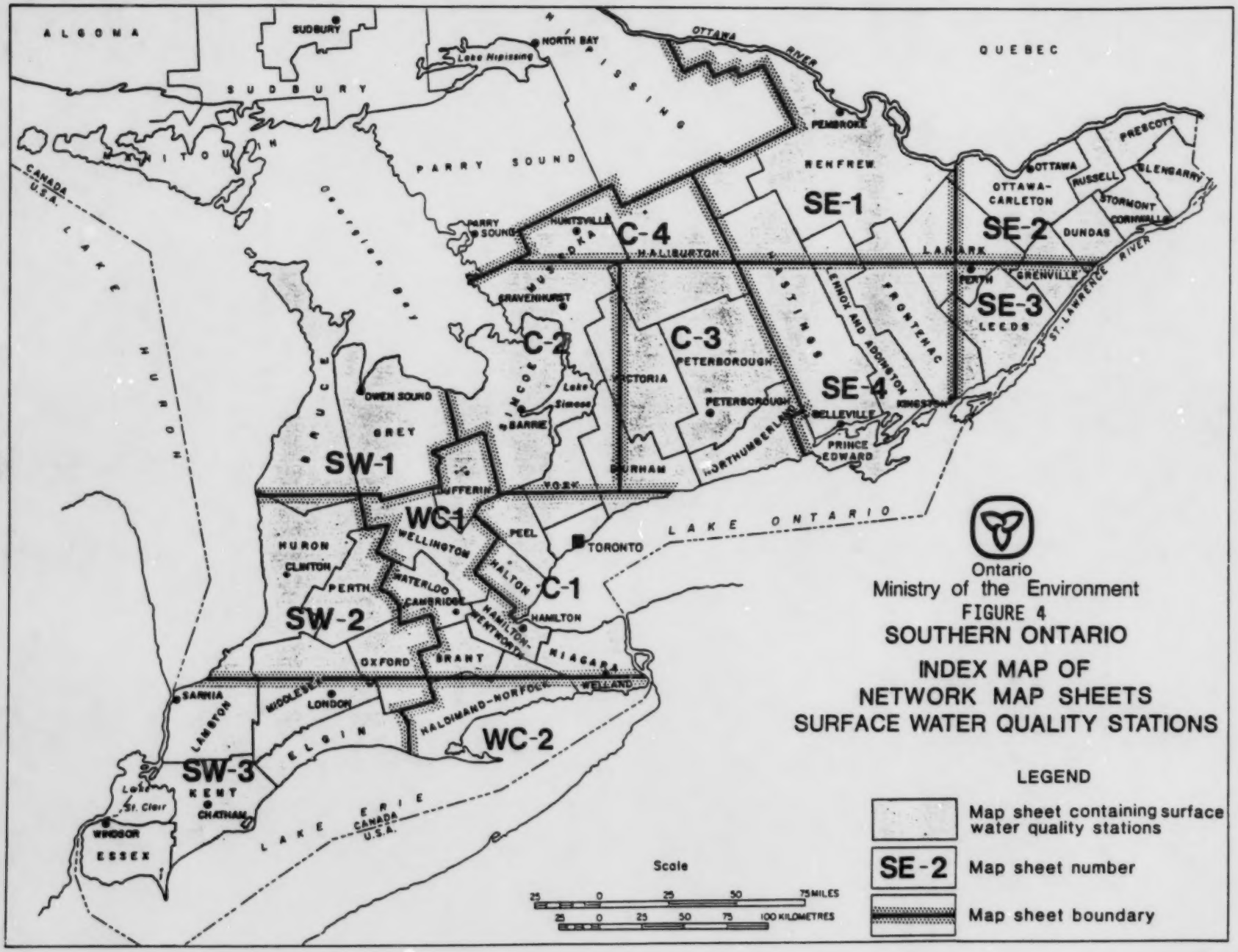
INTERPRETATION OF DATA

The definition of the parameters measured in the Provincial Water Quality Monitoring Program are listed in the following pages. The significance of each measurement in regard to specific water uses can be determined by referring to the booklet "Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment, November, 1978". (Revised, May 1984)

A. ANALYSES AND MEASUREMENTS CONDUCTED AT THE SAMPLING SITE

Stream Condition

The physical condition of the body of water is described from an on-site examination at the time of sampling and is represented by a one-digit number from one to zero as follows:



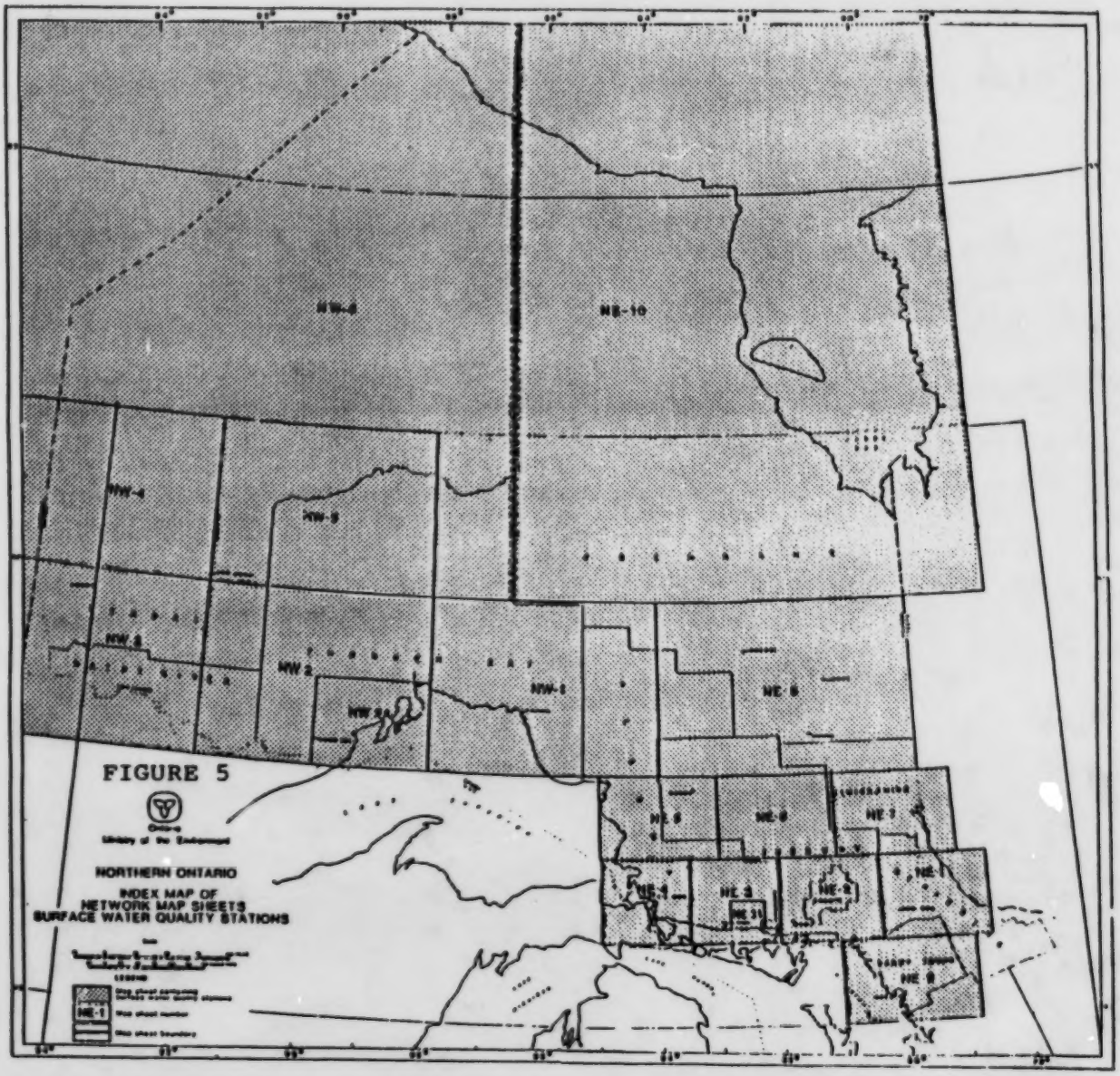
Ontario
Ministry of the Environment

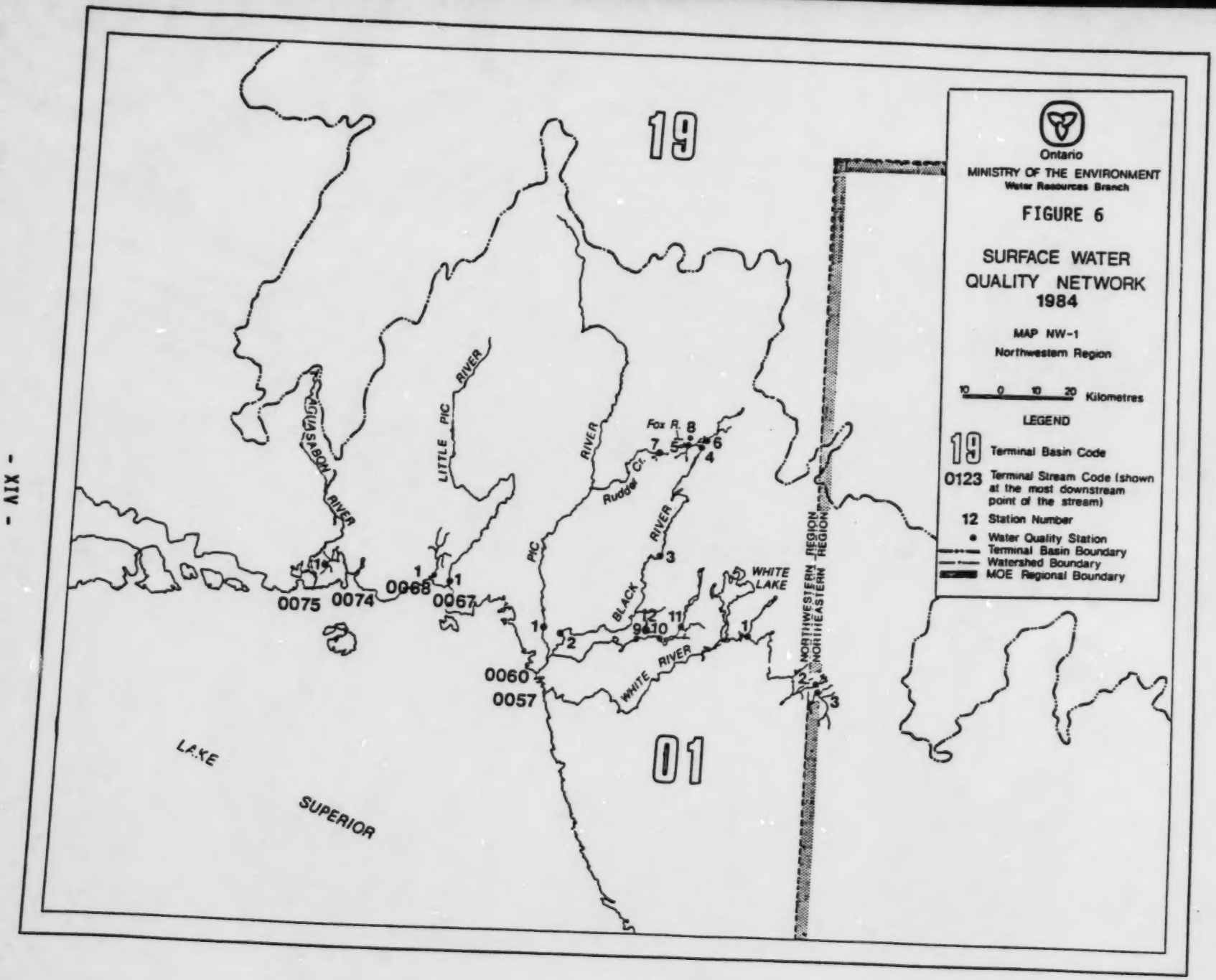
FIGURE 4

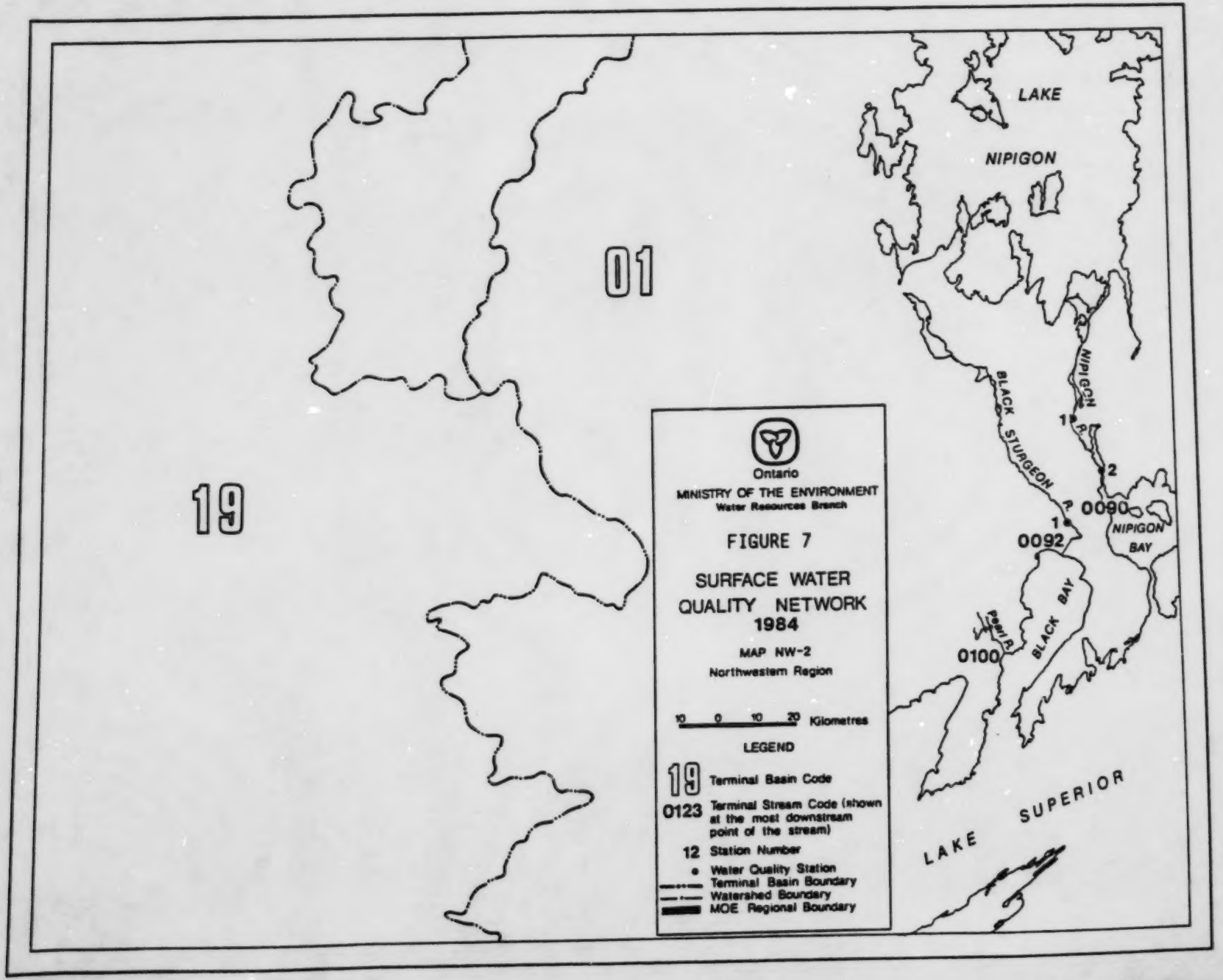
SOUTHERN ONTARIO
INDEX MAP OF
NETWORK MAP SHEETS
SURFACE WATER QUALITY STATIONS

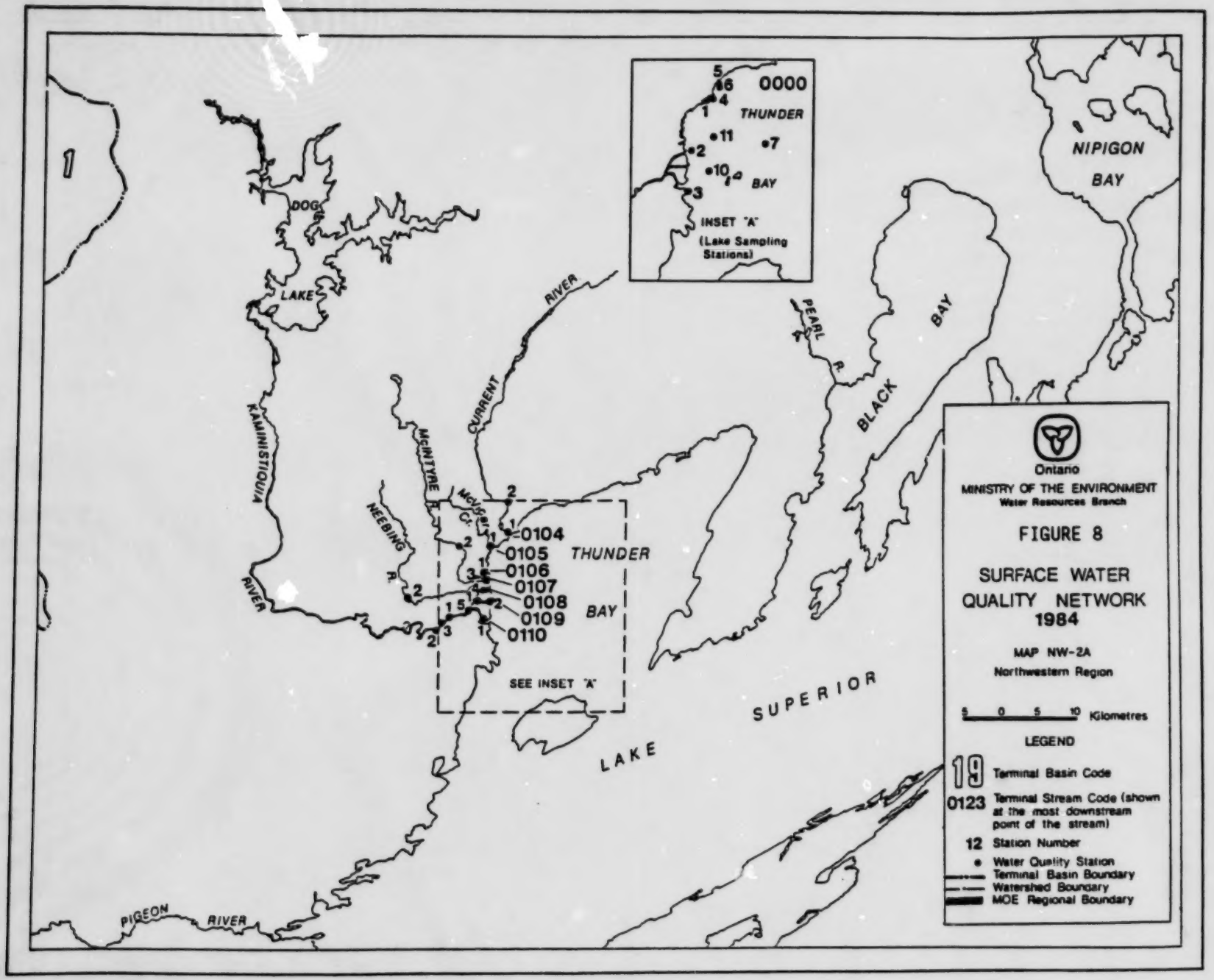
LEGEND

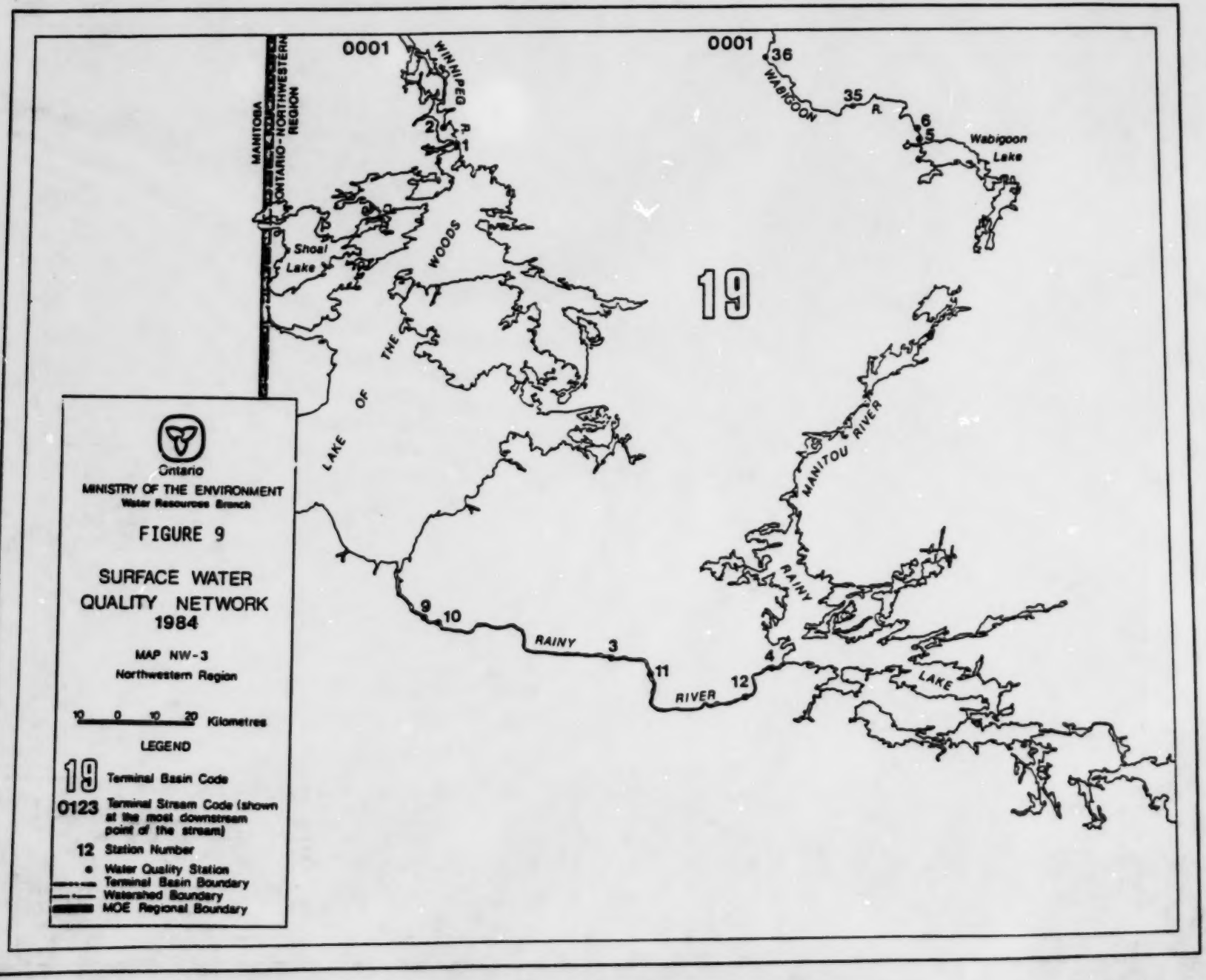
- Map sheet containing surface water quality stations
- SE-2 — Map sheet number
- Map sheet boundary

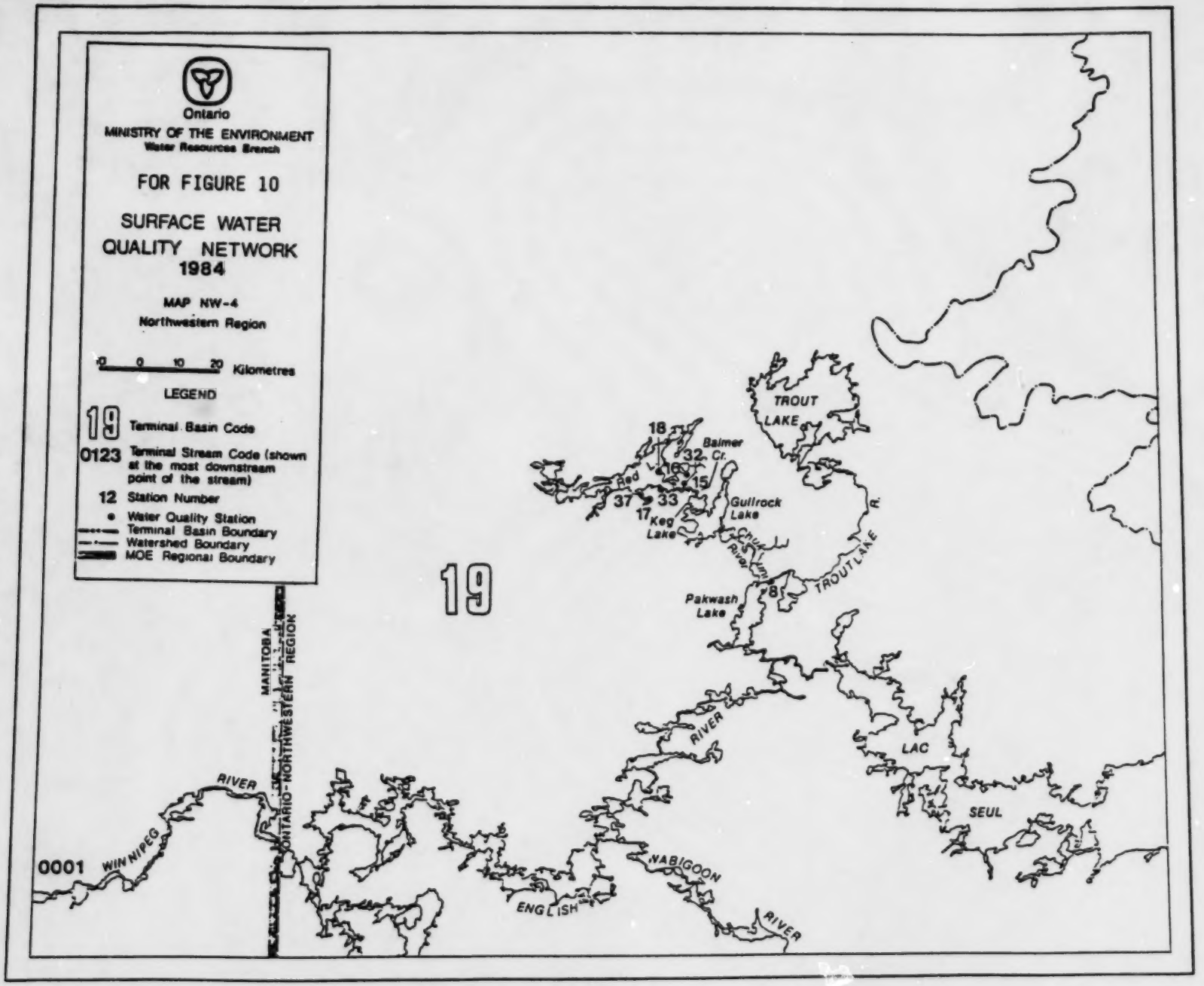

NW-6
NE-10
NW-4
NW-5
NW-3
NW-2
NW-1
NW-0
NE-9
NE-8
NE-7
NE-6
NE-5
NE-4
NE-3
NE-2
NE-1
NE-0
FIGURE 5
NORTHERN ONTARIO
INDEX MAP OF
NETWORK MAP SHEETS
SURFACE WATER QUALITY STATIONS

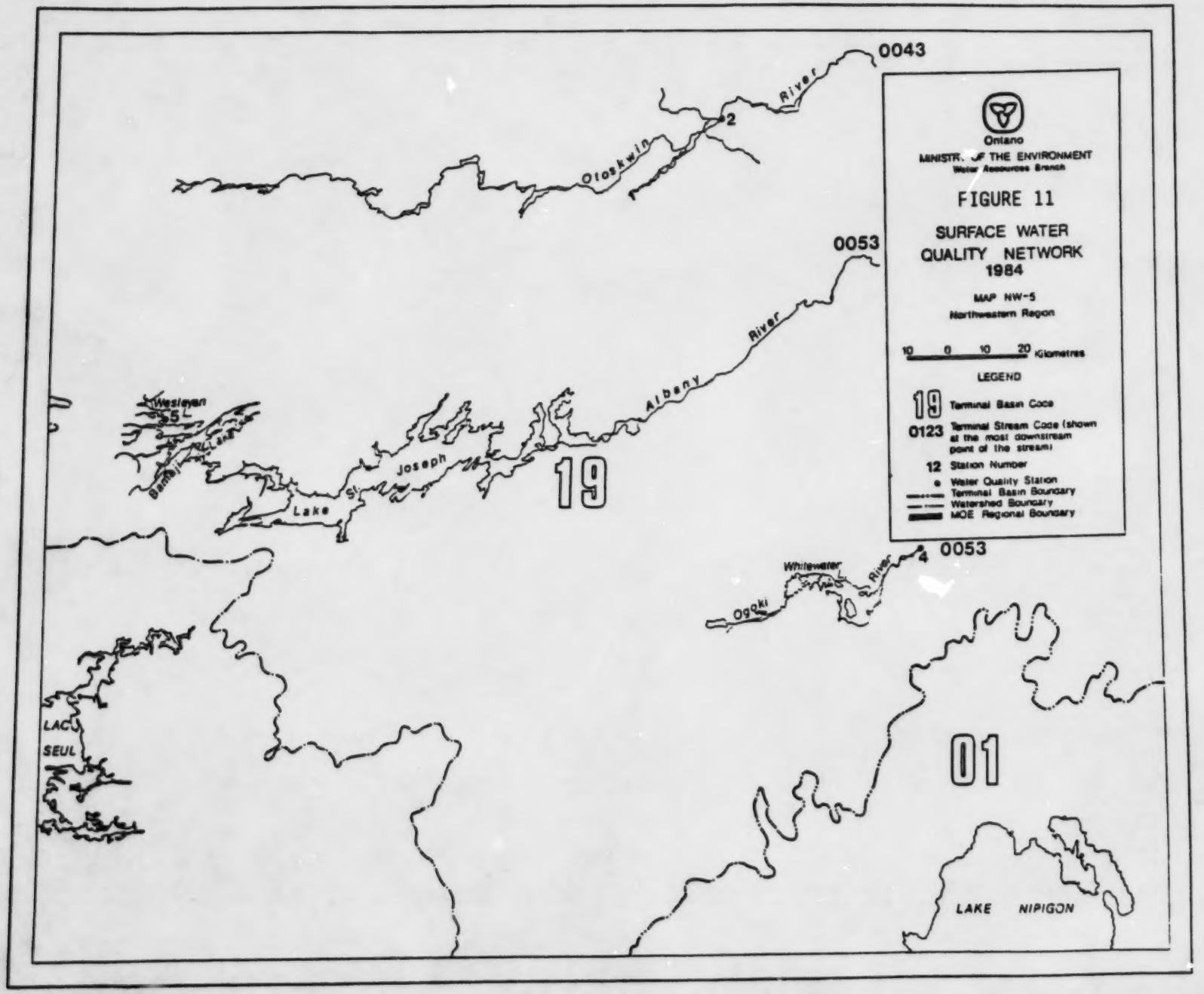

19
01
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 6
SURFACE WATER QUALITY NETWORK 1984
MAP NW-1
Northwestern Region
10 0 10 20 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary
NORTHWESTERN REGION
NORTHEASTERN REGION
LAKE SUPERIOR
MAGUASABON RIVER
LITTLE PIC RIVER
PIC RIVER
Rudge Cr.
Fox R.
BLACK RIVER
WHITE RIVER
WHITE LAKE
0075
0074
0068
0067
0060
0057

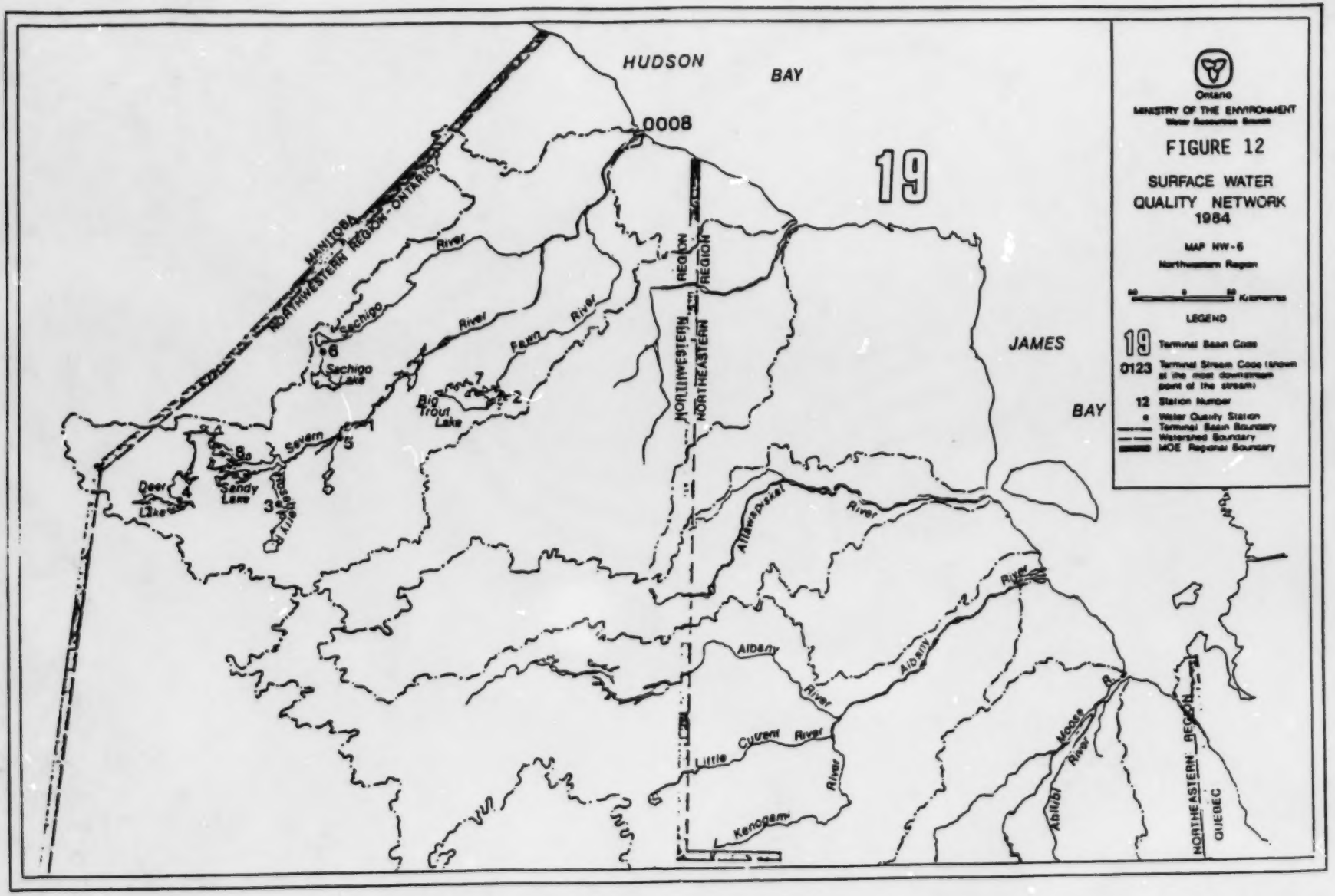

LAKE
NIPIGON
01
19
NIPIGON R.
BLACK STURGEON R.
1
2
0090
NIPIGON BAY
0092
BLACK BAY
Pearl R.
0100
LAKE SUPERIOR
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 7
SURFACE WATER QUALITY NETWORK
1984
MAP NW-2
Northwestern Region
10 0 10 20 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary


INSET "A"
(Lake Sampling Stations)
0000
THUNDER
BAY
NIPIGON
BAY
DOG
LAKE
KAMINISTIQUIA
RIVER
CURRENT
RIVER
PEARL
R.
BLACK
BAY
MCINTYRE R.
MOUSE'S CR.
NEEBING
R.
0104
0105
0106
0107
0108
0109
0110
THUNDER
BAY
SEE INSET "A"
SUPERIOR
LAKE
PIGEON
RIVER
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 8
SURFACE WATER
QUALITY NETWORK
1984
MAP NW-2A
Northwestern Region
5 0 5 10 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary


0001
WINNIPEG R.
MANITOBA
ONTARIO - NORTHWESTERN REGION
Shoal Lake
LAKE OF THE WOODS
0001
WABIGOON R.
Wabigoon Lake
19
MANITOU RIVER
RAINY
RAINY RIVER
LAKE
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 9
SURFACE WATER QUALITY NETWORK 1984
MAP NW-3
Northwestern Region
10 0 10 20 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary


Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FOR FIGURE 10
SURFACE WATER QUALITY NETWORK 1984
MAP NW-4
Northwestern Region
10 0 10 20 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary
19
0001
WINNIPEG RIVER
MANITOBA
ONTARIO - NORTHWESTERN REGION
ENGLISH RIVER
NABIGOON RIVER
LAC SEUL
TROUT LAKE
Balmer Cr.
Red
Gullrock Lake
Keg Lake
TROUTLAKE R.
Pakwash Lake
18
32
16
15
37
33
17
8


0043
Otoskwin River
2
0053
Albany River
Wesleyan L.
Bamaji L.
St. Joseph Lake
19
0053
4
Whitewater Lake
Ogoki River
LAC SEUL
01
LAKE NIPIGON
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 11
SURFACE WATER QUALITY NETWORK 1984
MAP NW-5
Northwestern Region
10 0 10 20 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary


HUDSON
BAY
0008
19
JAMES
BAY
MANITOBA
NORTHWESTERN REGION - ONTARIO
NORTHWESTERN REGION
NORTHEASTERN REGION
NORTHEASTERN REGION
QUEBEC
Sachigo River
Sachigo Lake
Fawn River
Big Trout Lake
Severn
Deer Lake
Sandy Lake
Attawapiskat River
Albany River
Little Current River
Kenogami River
Moose R.
Abitibi River
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 12
SURFACE WATER QUALITY NETWORK 1984
MAP NW-6
Northwestern Region
Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary

1. Stream dry
2. Frozen to stream bed
3. Stream in flood condition
4. Sampled through ice
5. Suspended algae
6. No apparent algae
7. Profuse weed growth
8. Normal
9. Oil scum or floating matter
0. Objectionable odours

Under some circumstances a combination of up to three of the above conditions may be shown for a given sample at an individual station.

Streamflow

Streamflow information at or near a water quality monitoring site is an important factor when interpreting and employing water quality data. The product of streamflow and concentration defines the mass of material passing a point. Streamflow is also a useful reference when comparing water quality data for different periods of the year (e.g., spring flood versus summer drought).

Flows in many of the streams sampled are measured by the Water Survey of Canada, Inland Waters Directorate, Environment Canada.

Temperature

Water temperature is an important factor when a number of water quality parameters are being evaluated. Temperature directly affects the solubility of gases (e.g., dissolved oxygen) and significantly affects biological and chemical reaction rates.

Temperature is measured at the sampling site with an electronic thermistor or a mercury thermometer.

Dissolved Oxygen

Dissolved oxygen in water originates directly from the atmosphere or through photosynthesis in aquatic plants. Ample dissolved oxygen is necessary to maintain satisfactory conditions for fish and other biological life in water. Organic wastes and some inorganic materials exert, upon decomposition, an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life.

Dissolved oxygen is measured at the sampling site with an electronic meter or by a chemical titration.

B. ANALYSES AND MEASUREMENTS CONDUCTED AT THE LABORATORY

1. MICROBIOLOGICAL ANALYSES

Total Coliform

The Membrane Filter (MF) technique is used to obtain an approximation of the concentration of total coliform organisms. These organisms are normal inhabitants of soils and the intestines of man and other warm-blooded animals. They are always present in large numbers in sewage and fecal matter, and are often found in watercourses adjacent to industrial, agricultural and other pollution sources.

Results are reported as MF count per 100 mL of sample.

Background Count

The background count estimates the number of organisms, other than coliforms, that occur in the total coliform analysis of a sample. The results are used in the interpretation of total coliform counts. High background counts are generally indicative of poor water quality.

Fecal Coliform and Fecal Streptococcus (Enterococcus) Organisms

Fecal coliform and Enterococcus organisms are generally found in the alimentary tract of warm-blooded animals. They are indicative of sanitary waste intrusion and/or fecal contamination from warm-blooded animals.

Pseudomonas aeruginosa

Pseudomonas aeruginosa are pathogens found in sewage that can be readily isolated. These organisms are sometimes found in bathing waters and are the major pathological agent in otitis externa (earaches) and skin infections.

Escherichia Coliform (E. Coli)

E. Coli is the predominant, facilitative bacterial species in the large bowel and is thus the coliform most directly related to fecal pollution. E. Coli is occasionally pathogenic to man (e.g., urinary tract infections) but is primarily an indicator organism in water bacteriology.

2. CHEMICAL AND PHYSICAL ANALYSES

Biochemical Oxygen Demand (BOD)

In itself, BOD is not a pollutant and presents no direct harm to the aquatic environment. It is, however, a measure of the unstable organic matter present in water which, through aerobic decomposition, oxidizes to a stable inorganic form utilizing the oxygen resources of a watercourse. The level of BOD is an important parameter in assessing the potential concentrations of dissolved oxygen in water.

Five-day biochemical oxygen demand (BOD_5) is a laboratory measurement of the amount of oxygen consumed in a sample incubated for five days at 20°C.

Total Phosphorus

Phosphorus is a primary nutrient for plant and animal life and like nitrogen passes through cycles of decomposition and photosynthesis. This element is commonly found in nature in the form of inorganic phosphates and organically bound phosphorus. Total phosphorus includes orthophosphate, condensed phosphates and organically bound phosphorus in both the dissolved and particulate form. Untreated or treated sewage, some industrial wastes and agricultural and urban drainage contain significant concentrations of phosphorus.

Although there is no firm criterion for phosphorus, it is generally considered that to eliminate excessive plant growths in rivers and streams, total phosphorus should not exceed 0.03 mg/L. To avoid nuisance concentrations of algae in lakes, average total phosphorus concentrations for the ice-free period should not exceed 0.02 mg/L.

Filtered Reactive Phosphate

Filtered reactive phosphate is that phosphorus which passes through a 1-2 micrometre filter and responds to a colorimetric orthophosphate determination. It is a combination of simple orthophosphate and readily hydrolized phosphate primarily in the dissolved form.

Filtered reactive phosphate is generally considered to be readily available for aquatic plant growth.

Filtered Ammonia Nitrogen

Filtered ammonia nitrogen (ammonia NH_3 and ammonium NH_4^+) is the soluble product in the anaerobic decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced either biologically or chemically. Small amounts of ammonia nitrogen may be taken out of the atmosphere by rain water.

Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen is a measure of the total nitrogenous matter present, excluding nitrate and nitrite. The total Kjeldahl nitrogen concentration, less the ammonia nitrogen concentration, gives a measure of the organic nitrogen present.

Ammonia and organic nitrogen are important in assessing the availability of nitrogen for biochemical utilization.

Filtered Nitrite

Nitrite is an intermediate oxidation product of ammonia and also an intermediate form in the denitrification process from nitrate to nitrogen gas. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of samples (notably the relative magnitude of ammonia and nitrate present).

Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few micrograms per litre is generally indicative of active biological processes in the water.

Filtered Nitrate

Nitrate is the end product of the stabilization of organic nitrogen which occurs primarily through aerobic biochemical processes. Nitrate is usually found in polluted waters that have undergone some degree of self-purification. Nitrates can also occur in watercourses intercepting drainage from fertilized agricultural areas.

Nitrogen in the form of nitrate is readily utilized by aquatic plants and algae.

Inorganic Nitrogen

Inorganic nitrogen is a calculated value and represents the sum of the concentrations of filtered ammonia nitrogen and filtered (nitrate plus nitrite) nitrogen.

Organic Nitrogen

Organic nitrogen is a calculated value and represents the difference between the concentrations of total Kjeldahl nitrogen and filtered ammonia nitrogen.

Total Nitrogen

Total nitrogen is a calculated value and represents the sum of the concentrations of total Kjeldahl nitrogen and filtered (nitrate plus nitrite) nitrogen. Nitrogen is a common constituent of decomposition products, treated sewage, fertilizers and industrial discharges. Nitrogen compounds are present in most plant and animal materials.

Solids

Total solids, suspended and dissolved solids are presented as separate parameters in this report. The solids analyses are gross measurements of the amounts of particulate matter and dissolved materials found in water. Solids enter the watercourse from virtually every source, the most familiar being sewage treatment plant effluents, municipal storm drainage, industrial discharges and soil erosion.

Solids significantly affect water uses. Highly turbid water is undesirable for municipal and industrial supply, fish and aquatic life, recreation and aesthetics. Suspended solids can also transport significant quantities of organic and inorganic trace contaminants.

Conductivity

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions (in solution) such as chlorides, sulphates and calcium, renders water conductive. Conductance, the reciprocal of resistance, is recorded in the unit mho and in order to avoid inconvenient decimals, data are reported in micromhos per cubic centimetre. In many waters there is a direct linear relationship between dissolved solids concentrations and conductivity.

Conductivity serves as a control parameter and is an excellent indicator of water-quality changes since it is relatively sensitive to variations in dissolved-solids concentrations.

Turbidity

The turbidity of water is attributable to suspended and colloidal matter such as micro-organisms, detritus, clay and other mineral substances which reduce clarity and diminish the penetration of light.

Turbidity is undesirable in surface waters used for domestic and industrial supply and for recreation. Often some of the suspended matter has to be removed to prevent interference with disinfection processes and abrasion to equipment. By interfering with the penetration of light, turbidity can seriously affect aquatic biological communities.

Chlorides

Chlorides are found in practically all natural waters. They may be of natural mineral origin but in general the largest contributions can be traced to domestic sewage discharge, municipal storm drainage, road salting, and industrial wastes.

While not harmful to health in moderate quantities, high concentrations of chlorides make water unfit for municipal and industrial supplies and livestock watering. In addition to imparting an objectionable taste to water, high chloride levels are responsible for increased corrosiveness of water. Furthermore, chloride, being toxic to many plants, may render water undesirable for irrigation.

Sulphate

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphites and thiosulphates. Sulphates, under anaeorbic conditions, can be reduced to hydrogen sulphide which is malodorous (the odour of rotten eggs) and highly corrosive.

Sulphide

Sulphide is formed by bacterial reduction of sulphate and organic sulphur compounds under anaerobic conditions. It is therefore, commonly found in domestic wastewater, industrial wastewater, sludges, hypolimnions of stratified lakes and any other aquatic systems where anaerobic conditions prevail. As a result, concentrations in surface waters are negligible.

Unfiltered Reactive Silicate

Silicon occurs in sand or quartz as silica and as silicates in feldspar, kaolinite and other minerals. Silicon dioxide, or silica, is insoluble in waters or acids, except hydrofluoric acid, but it may occur in natural waters as finely divided or colloidal suspended matter. Silica is widely employed in industry for making glass, silicates, ceramics, abrasives, enamels, petroleum products, etc.

In concentrations found in natural and treated waters, silica or silicates have no adverse physiological effects. Silicates are essential to the growth of many aquatic organisms.

The data which appear under the heading "Reactive Silicate" should properly be referred to as "Unfiltered Reactive Silicate" and are reported as Silicon (Si). Data in this series of publications prior to 1975 were reported as Silica (SiO_2).

Acidity

Acidity in surface or ground waters may be attributable to natural causes, such as humic acids extracted from swamps or peat beds, or industrial wastes such as pickling liquors, effluent from the manufacture of explosives, acid mine drainage or sulphite waste liquors. It may also be affected by atmospheric inputs.

Acidity is best interpreted in conjunction with the pH and alkalinity, as well as any other analyses which identify the acidic components of water.

Alkalinity

Alkalinity is a measure of a waterbody's capacity to neutralize an acid. The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

1. Hydroxides (rarely present in Ontario)
2. Carbonates
3. Bicarbonates and other salts of weak acids

The alkalinity of water has little sanitary significance but is of importance in water and waste treatment practices. Waters with high alkalinity are undesirable because of their associated excessive hardness.

pH

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH range extends from 0, very acidic, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality at 25°C.

The pH is important in determining the appropriate treatment of water supplies.

Iron

Iron is one of the most abundant elements in the earth's crust and it is a constituent of many industrial wastes.

When sufficient iron is added to water in the form of salts (chlorides, nitrates, sulphates), ferrous to ferric precipitates (iron hydroxides) tend to form, causing low pH values which are toxic to aquatic life. Iron in water may also result in the growth of iron bacteria causing unpalatable taste, discolouration of cloths and plumbing fixtures, and the formation of scales in water mains.

Phenols

The phenolic compounds, collectively referred to as phenols, are those hydroxyl derivatives of benzene or its condensed nuclei, which are determined by the 4-amino antipyrene method. The results are reported from many industrial processes and may also be released from aquatic plants and decaying vegetation.

Depending on the concentration, the presence of phenolic compounds may be toxic to fish, and may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce tastes and odours which are usually described as medicinal or chemical.

Hardness

Water hardness relates to a water's capability to produce lather from soap. The higher the hardness, the less lather will be formed. Hardness in water is caused by dissolved divalent metal ions, calcium and magnesium being the most common. Natural hardness occurs most frequently in limestone areas. The limestone is dissolved by contact with ground and surface water and releases calcium and magnesium ions and traces of contaminant metals.

Hard water, though not considered a health hazard, is undesirable for industrial and domestic water supplies because it has a number of detrimental effects, the most common being the formation of scale in boilers, pipes and water heaters, excessive soap consumption in home and commercial laundering, and adverse affects in textile, plating and canning industries.

Results appear under either the heading "Hardness" and "Calculated Hardness", depending on the analytical procedure. The former results are obtained through titration with ethylenedi-aminetetra-acetic acid (EDTA), the latter by calculation from magnesium (Mg) and calcium (Ca) results determined by Atomic Absorption Spectrophotometry (AAS).

Calcium

Calcium is relatively abundant in the earth's crust and readily soluble in water so that calcium salts and calcium ions are among the most commonly encountered substances in water. They may result from the leaching of soil and may be contained in sewage and industrial wastes.

Excessive calcium and magnesium in drinking water have been implicated as factors predisposing to the formation of concretions in the body, such as kidney, or bladder stones. On the other hand, there is also evidence of adverse physiological effects from an insufficiency of calcium in water. The calcium ion is a major contributor to hardness and is often responsible for boiler scale deposits on cooking utensils

and excessive soap requirements in washing and laundering. Where water is used for irrigation, calcium is beneficial to plant growth.

Magnesium

Magnesium is an abundant element and a common constituent of natural waters. Magnesium ranks with calcium as a major cause of hardness. The effects of magnesium of water used for consumption and irrigation are generally the same as those of calcium. Magnesium is considered relatively non-toxic to man and not a public health hazard because before toxic concentrations are reached in water, the taste becomes quite unpleasant.

Colour

Colour in water may be of natural mineral or vegetable origin caused by metallic substances such as iron and manganese compounds, humus material, peat, tannins, algae, weeds, and protozoa. Waters may also be coloured by inorganic or organic soluble wastes from industries, such as steelworks, mining, refining, pulp and paper, chemicals, and others. Returned irrigation water also contributes to colour.

Colour from natural origin is not considered harmful from a health standpoint. However, in domestic water, colour is undesirable because of aesthetic considerations.

Potassium

Potassium occurs in many minerals and potassium salts exist in natural waters as a result of contact with potassium-bearing soils and the introduction of certain industrial wastes. The common salts of potassium are highly soluble in water. They resist separation from water by natural processes other than evaporation.

In limited concentrations, potassium is an essential nutrient. Excessive amounts of certain potassium salts in drinking water, however, have detrimental effects on human digestive and nervous systems.

Sodium

Sodium salts are common to all natural waters and may be present in high concentrations in wash waters softened by exchanging calcium and magnesium ions for sodium. Sodium is also found in many industrial process effluents, domestic wastes and salts used in road de-icing.

Concentration of salts such as sodium chloride impact objectionable tastes and may render water unpalatable.

Total Organic Carbon (TOC)

Total organic carbon (TOC), the most significant carbon measurement from a water-quality assessment viewpoint, is the arithmetic difference between total carbon (TC) and total inorganic carbon (TIC).

Total organic carbon usually has a direct relationship with Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) values, but the relationship varies with the composition of the organic material present. The carbon tests are rapid and suitable for the evaluation of organic pollution levels, assessment of waste treatment efficiencies and to a limited extent, the potential demand of a waste discharge on the oxygen resources of a water body.

Dissolved Organic Carbon (DOC)

The organic content of lakes and rivers depends primarily on the products of plants and animals which those water bodies support. Most of the organic carbon in water is composed of humic substances and partly degraded plant and animal materials, some of which is resistant to microbial degradation. Runoff from agricultural land and industrial discharge from industries such as pulp and paper will add organic carbon to the water. The degradation of large amounts or organic matter causes depletion of the dissolved oxygen concentration and hence, organic carbon is also measured on sewage and industrial waste samples.

Chemical Oxygen Demand (COD)

The chemical oxygen demand is used in measuring the strength of sewage and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days for the five-day biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds the biochemical oxygen demand.

Solvent Extractables

The solvent extractable test measures the total quantity of substances present in a water sample that is readily soluble in an appropriate organic solvent. Such substances include fatty acids, petroleum products, oils, greases and resins. They are generally found in effluents of oil refineries, meat packing plants, slaughter houses, dairies, canneries, and a variety of other industries.

Solvent soluble materials greatly increase the oxygen depletion rate in receiving waters and will hinder oxygen exchange with the atmosphere by forming slicks.

Arsenic

Arsenic may occur, naturally, to a small extent, mostly as sulphides and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble. Highest levels of arsenic in Ontario are found in watercourses downstream of wastewater discharges from metal smelting operations.

Arsenic is very toxic to humans and the trivalent forms are largely retained in the body tissues. Low concentrations of arsenic stimulate plant growth but higher concentrations destroy chlorophyll in the foliage.

Mercury

Mercury may occur naturally as a free metal or as mercuric salts, the most common being cinnabar, HgS. Both elemental mercury and HgS are insoluble in water and are not likely to occur as water pollutants. Many synthetic organic salts of mercury are used commercially and these salts are highly soluble in water.

Mercury is cumulative and toxic to humans and can be concentrated and transferred up the food chain to a point where commercial and game fish may become unsuitable for human consumption. Micro-organisms can methylate inorganic mercury under both aerobic and anaerobic conditions to produce a more toxic substance.

Aluminium

Aluminium occurs in many rocks and ores but never as a pure metal in nature. In streams, the presence of aluminium ions may result from industrial wastes or more likely from wash water from water treatment plants.

Chromium

Few waters contain chromium from natural sources since chromium is generally present in rocks and soils as insoluble chromic oxide which is strongly sorbed to particulate matter. Chromate or dichromate salts are used extensively in metal pickling and plating operations, in anodizing aluminium, in the leather industry as a tanning agent, and in the manufacture of paints, dyes, explosives, ceramics, paper and many other substances. Chromic or chromite salts on the other hand, are used much less extensively, being employed as mordants in textile dyeing, in the ceramic and glass industry and in photography. Chromium compounds may be present in wastes from many of these industries or may be discharged in chromium-treated cooling waters where the chromium is used as a corrosion inhibitor.

There is no evidence that chromium salts are essential or beneficial to human nutrition. Salts of trivalent chromium are not considered to be physiologically harmful; however, large doses of chromates lead to corrosive effects in the intestinal tract and to nephritis. Both the chromic and chromate ions are toxic to plants and interfere with the uptake of essential elements.

Copper

Copper salts occur in natural surface waters in trace concentrations and may occur in industrial waste discharges. Copper is used as an algicide for the control of undesirable algae growth and in the treatment of soils as a fungicide and a pesticide.

Copper compounds are toxic to plants and aquatic life.

Lead

Some natural waters contain lead in solution. Lead may be introduced into water as a constituent of various wastes including industrial and mining effluents, lead plumbing and automobile exhaust. Certain lead salts, such as acetate and chloride, are readily soluble. However, lead which occurs in the carbonate, hydroxide and sulphate forms is sparingly soluble and will not remain long in natural waters.

Lead is a cumulative poison that tends to be deposited in the bone. The intake that can be regarded as safe cannot be stated definitely because the sensitivity of individuals to lead differs considerably. Studies on fish indicate that in water containing lead salts, a film of coagulated mucus forms over the gills and then the entire body, probably as a result of a reaction between lead and an organic constituent of mucus. The fish then die of suffocation. The toxic effects of lead on fish decreases with increasing hardness and dissolved oxygen.

Cadmium

In the elemental form, cadmium is insoluble in water. It occurs in nature largely as a sulphide salt, greenockite or as a cadmium blend and often as an impurity in zinc-lead ores.

Cadmium salts are cumulative and highly toxic to man, and have been implicated in some cases in the cause of food poisoning. Consumption of cadmium salts causes cramps, nausea, vomiting, and diarrhea. Cadmium affects reproduction in fish and zooplankton; however, the toxic effects vary with species and time of exposure.

Zinc

Generally, zinc occurs only in trace amounts in surface waters. The zinc ion is believed to adsorb strongly and permanently on particulate matter (e.g. silt) which settles out of suspension.

Zinc has no known adverse physiological effects upon man except at very high concentrations. At such concentrations, zinc gives water a milky appearance and causes a greasy film on boiling, thus making it unattractive for domestic water supply. Zinc is toxic to aquatic organisms and its toxicity decreases with increasing hardness.

Manganese

Manganese is similar to iron in that it is found in many industrial wastes and occurs in soils as manganic and manganous compounds. Under anaerobic conditions the manganic ion is reduced to soluble nitrate, sulfate, and chloride salts of manganese and is leached, along with iron, into ground and surface waters. Like iron, its presence may indicate domestic or industrial pollution.

Water with high manganese content is undesirable for its taste, colour and tendency to form deposits on cooking utensils.

Nickel

Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrate, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

Nickel and its salts have generally proven to be non-toxic to man even at very high levels. Contact with nickel salt solutions may result in dermatitis and repeated inhalations of nickel compounds can cause lung cancer.

Fluoride

Fluorides in high concentrations are not a common constituent of natural surface waters, but may naturally occur in detrimental concentrations in ground waters.

Excess concentrations affect animal breeding efficiency and may have detrimental effects on some plants.

Cyanide

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning or various metals, and in electroplating processes and other chemical industries.

Cyanide in water is toxic to biological life, the lethal concentration depending on water quality, temperature and type and size of organism.

Cobalt

Cobalt occurs naturally in the minerals cobaltite, smaltite and erythrite. It is widely used in the manufacture of alloys, the tungsten carbide tool industry and as pigments used in glass staining.

Cobalt is an essential element at trace levels for both animals and plant nutrition. It is known to be one of the main constituents of Vitamin B_{12}. Adverse effects due to cobalt are very slight even at high concentrations.

3. RADIOCHEMICAL ANALYSES

All elements are made up of atoms, each of which consists of a central nucleus surrounded by a number of electrons. Some nuclei are radioactive; they emit excess energy in the form of ionizing radiation as a result of nuclear disintegrations. The three types of ionizing radiations which are of principal interest in environmental studies are referred to as alpha, beta and gamma radiations.

1. Alpha rays are streams of fast moving helium nuclei. These are particles which can travel only a few centimetres in air and can be stopped by a sheet of paper or a layer of skin.

2. Beta rays are streams of fast moving electrons which are very much lighter than helium nuclei. The maximum range of most common beta rays is a few metres in the air or one to two centimetres in the human body.

3. Gamma rays are highly penetrating electromagnetic radiation of the same family as radio waves and x-rays. Like x-rays, gamma mass rays can pass right through the human body.

The number of nuclear disintegrations occurring in a substance per second is a measure of its radioactivity. The unit of radioactivity used in this report is becquerel (Bq). One becquerel equals one nuclear transformation per second and corresponds to approximately 27 picocuries, (a measure of radioactivity used in previous reports). Radiological half life is the length of time required for one half of the unstable atom to disintegrate or change (i.e., radioactive decay).

Exposure to radiation is characterized by the transfer of energy to molecules of the cells which make up body tissues and organs. This can affect the normal function of the cells, resulting in damage to the tissues and organs. Exposure to the small doses of radiation which might be encountered in the environment will not result in immediate detectable damage; however, long-term effects may result. These effects are in the apparently random occurrence of induced cancers and genetic defects in a small proportion of the exposed population. The numbers of effects induced are considered to be directly proportional to the amount of absorbed radiation.

Gross-alpha

Gross-alpha is a measure of the total radioactivity of all the alpha emitting materials in a sample. Measurements of gross-alpha activity provide useful reference points to enable trends to be detected. However, the results cannot be used to determine radiation dose or health effects

since the short range of alpha particles means that some will not be detected, thereby causing an underestimation of the total activity. Also, the alpha particles may be emissions from a mixture of materials that are radiologically and biologically different.

Gross-beta

Gross-beta is a measure of the total radiation of all the beta emitting materials in a sample. Measurements of gross-beta activity provide useful reference points to enable trends to be detected but cannot be used to determine radiation dose or health effects.

Radium-226

Radium-226 is a naturally occurring alpha-particle emitter formed from the decay of uranium-238 and has a radiological half life of 1602 years.

Uranium-total

Total uranium exists primarily as the isotope uranium-238 with less than 1% occurring as uranium-235. Uranium is a naturally occurring alpha-particle emitter which was formed at the same time as the earth (about 5×10^9 years) and is still present in significant quantities due to its extremely long radiological half-life (4.5×10^9 years).

Cesium-137

Cesium-137 is a beta-particle emitter formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-137 is readily adsorbed and retained by biological systems. Its radiological half life is 30 years.

Cesium-134

Cesium-134 is a beta-particle emitter also formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-134 is of less importance than Cesium-137 as its radiological half-life is only 72 hours.

Cobalt-60

Cobalt-60 is primarily formed in atomic reactor operation due to the neutron activation of trace quantities of cobalt-59 found in steel. Insignificant quantities are also formed from nuclear weapons detonation. Cobalt-60 has a radiological half life of 5.3 years and emits both beta and gamma radiation.

Tritium

Tritium exists fairly uniformly in the environment as a result of natural production by cosmic radiation and residual fallout from nuclear weapons tests. This background level is gradually being increased by the use of nuclear reactors to generate electricity.

Current tritium from the nuclear power industry comprises a small proportion of environmental tritium in comparison with that from nuclear weapons fallout and naturally produced tritium. However, nuclear reactors and fuel-processing plants are localized sources of tritium because of discharges during normal operation. This industry is expected to become the major source of environmental tritium contamination some time in the future if present growth trends continue and nuclear explosion in the atmosphere is not resumed. Tritium is produced in light water nuclear reactors by ternary fission, neutron capture in coolant additives, control rods and plates, and activation of deuterium. About 1% of the tritium in the primary coolent is released in gaseous form to the atmosphere; the remainder is eventually released in liquid waste discharges. Most of the tritium produced in reactors remains in the fuel and is released when the fuel is reprocessed.

Naturally occurring tritium is most abundant in precipitation and lowest in aged water because of its physical decay by beta emission to helium.

Iodine

Iodine is a chemical oxidant. It disinfects in a manner similar to chlorine. Iodine is the least soluble of all the halogens, hence it is the least likely to be hydrolized by water. It also has the lowest oxidation potential, that is, it reacts more slowly with organic compounds than

chlorine. Because of this stability, iodine does not react with nitrogenous compounds as does chlorine. Iodine remains effective through a wider range than chlorine; chlorine becomes less stable at pH of 8 as compared to iodine at pH of 10.

4. SYNTHETIC ORGANIC ANALYSES

The synthetic organic compounds referred to in this section are classified as pesticides and industrial chemicals. These compounds contain linked carbon atoms in their chemical structure and are, for the most part, synthesized from common chemicals. Furthermore, they may be subdivided into chemical families of compounds sharing common characteristics. For example, organochlorine compounds (chlorinated hydrocarbons) contain chlorine, hydrogen and carbon in their structure; they have a tendancy to accumulate in the fatty tissues of animals and are stable compounds (i.e., persistent).

Until recently, only a few classes of synthetic organic compounds such as drugs, food additives and pesticides were controlled by legislation. For example, the only pesticides which may be offered for sale in Ontario are those which have been registered under the authority of the Pest Control Products Act which is administered by Agriculture Canada. The term pesticide includes insecticides, herbicides and fungicides which are chemical compounds used to control insects, weeds or fungi (i.e., "pests") that attack crops, animals and man. In contrast to the regulation of pesticides, thousands of unregistered synthetic organic chemicals are in daily use as raw materials, products and additives. Very little is known about their possible health and environmental effects because of their sheer number and diversity of use. Many are not hazardous, but the adverse effects already encountered by some have created concern for preventative measures of both known and potentially hazardous substances.

Polychlorinated Biphenyls (PCBs)

PCBs are a range of industrial chemicals produced by direct chlorination of biphenyl. The North American products in this family are sold under the name Arochlor. Arochlors are characterized by a four digit number, such as Arochlor 1242, or Arochlor 1254, of which the last two digits refer to the

weight percentage of chlorine in the products. There are 208 possible compounds which could be formed by this reaction. Each product is a different mixture of up to 100 of these, each with its own unique physical, chemical and biological properties.

The main characteristics of PCBs are their chemical, physical, biological inertness and electrical insulating properties. They have been widely used in transformers and capacitors, as heat exchange fluids or plasticizers, and in inks, paint, lubricants, and many other products. Spills and waste disposal practices have resulted in very large inputs of these chemicals to all facets of the environment.

PCBs are lipophylic, and thus continuing environmental inputs have led to biological uptake and concentration. Of particular concern are the excessive levels detected in some fish. Levels in water and air to date have not demonstrated a threat to human health, as might arise from fish consumption. PCBs have been shown to be both acutely and chronically toxic, carcinogenic and teratogenic (to cause developmental malformations). Limits for human consumption have been set on the basis of tests on monkeys and rats. The present acceptable level of PCBs in fish is 2.0 ppm. However, 0.1 ppm has been suggested as a level for protection of the fisheries resource from reproductive failure. Long-term use of PCBs, at elevated temperatures, and inefficient incineration of these materials have been shown to produce the highly toxic chlorodibenzofurans, closely related to dioxins.

Trichlorophenoxyacetic Acid (2,4,5-T)

2,4,5-T is a chlorophenoxy acid herbicide. Other members of this family include 2,4-D and 2,4,5-TP which were introduced as selective weed killers at the end of World War II. Their uses include weed control in cereal crops, lawns, along roadsides, hydro and railroad rights-of-way, and control of aquatic weeds.

The human toxicity of these herbicides is low; effects on farmstock and wildlife from current environmental levels would appear to be negligible and no discernible toxic effects have been reported in fish at levels below 100 mg/L.

However, 2,3,7,8-tetrachlorodibenzodioxin (TCDD), an extremely toxic compound, has been detected in 2,4,5-T formulations as a by-product of its manufacture, thus raising doubts as to the human safety of the use of 2,4,5-T, and the related herbicide 2,4,5-TP (Silvex). A tolerance level of 0.1 ppm 2,3,7,8-TCDD in 2,4,5-T formulation has been set, but the adequacy of the safety factor is still under discussion.

Pentachlorophenol (PCP)

Pentachlorophenol is used as a herbicide, defoliant, insecticide, fungicide and wood preservative. The salts, esters and ethers of PCP are also effective herbicides.

PCP is considered relatively toxic to wildlife and fish and its presence in water can cause tainting of fish flesh, reducing its palatability. PCP can be harmful to man if inhaled and absorbed through the skin. There is no known antidote to PCP poisoning.

In addition to its inherent toxicity, a further problem is posed by the presence of high chlorinated dioxins, (octachlorodioxin, heptachlorodioxin, hexachlorodioxin) in PCP formulations. Although these compounds are considerably less toxic than 2,3,7,8-TCDD (tetrachlorodibenzodioxin), it has been suggested that they may degrade to 2,3,7,8-TCDD under the influence of sunlight and other environmental conditions.

STATION IDENTIFIER CODES, QUALIFYING REMARKS CODES AND ABBREVIATED PARAMETER HEADINGS

Station Identifier Codes

The station identifier codes which appear in the index and the top right-hand corner of the data pages are numerical descriptions of the sampling station locations and are used primarily for electronic data processing of the water quality data. The eleven digit figure is decoded as follows: the first two digits refer to the terminal basins (see figures 2 and 3), the following four digits refer to the river

basin (each river basin in a terminal basin is assigned a unique number), the next three digits refer to the station number within the river basin and the last two digits refer to the type of sample (e.g. 01-lake sample, 02-stream sample, 82 to 89-composite sample, e.g. 83 - 3 part composite across a station sampling range).

Qualifying Remarks

Distance

The distance in kilometres is measured along the centre line of a watercourse to the sampling station location from the junction of the related terminal stream and terminal basin.

Abbreviated Headings

BOW	body of water
STN NO	base station number
LAT	latitude
LONG	longitude
UTM	Universal Transverse Mercator Grid
SAMP DTE DY MO YR	sample date; day, month, year
HOUR LMT	hour(s) local mean time (2400 hour clock)
STN DIST FEET	distance from base station (in feet) (not applicable)
STN BRG	bearing of sampling point (deg N) from base station (not applicable)
SAMP DEPTH MTRS	sample depth (in metres)
PJ	project (not applicable)

Abbreviated Parameter Headings

The alphabetic codes appearing as the parameter headings are a series of unique codes used for computer processing. Each alphabetic code identifies a particular water quality parameter and analytical procedure.

Test Name and Abbreviated Description	Description of Test	Units of Measure
ACDT ACIDITY TOTAL	ACIDITY, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALKT ALK TOTAL	ALKALINITY, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALUT ALUMINUM UNF. TOT.	ALUMINIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ALUMINIUM
ASUT ARSENIC UNF. TOT.	ARSENIC, UNFILTERED TOTAL	MILLIGRAM PER LITRE
AS3UR ARSENTE UNF. REAC.	ARSENIC +3 UNFILTERED REAC.	MILLIGRAM PER LITRE AS ARSENIC
AS5UR ARSENATE UNF. REAC.	ARSENIC +5, UNFILTERED REAC.	MILLIGRAM PER LITRE AS ARSENIC
BOD_5 5 DAY TOT. DEM.	BOD, 5 DAY, TOTAL DEMAND	MILLIGRAM PER LITRE AS OXYGEN
CAUR CALCIUM UNF. REACT.	CALCIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS CALCIUM
CCNAUR CYANIDE AVAIL UNF. REACT.	CYANIDE, AVAILABLE UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE
CCNFUR FREE UNF. REACT.	CYANIDE, FREE UNFIL. REACTIVE	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE
CCUT CARBON UNF TOT.	CARBON, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CARBON
CDUT CADMIUM UNF. TOT.	CADMIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CADMIUM

Test Name and Abbreviated Description	Description of Test	Units of Measure
CLIDUR CHLORIDE UNF. REAC.	CHLORIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS CHLORINE
COD CHEM. OX. DEMAND	CHEMICAL OXYGEN DEMAND	MILLIGRAM PER LITRE AS OXYGEN
COLAP COLOUR APPARENT	COLOUR, APPARENT	HAZEN COLOUR UNIT
COLTR COLOUR TRUE	COLOUR, TRUE	HAZEN COLOUR UNIT
COND25 CONDUCT. 25C	CONDUCTIVITY AT 25°C	MICROMHOS/CM (CONDUCTIVITY) AT 25 DEGREES CENTIGRADE
COUT COBALT UNF. TOT.	COBALT, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS COBALT
CO60 COBALT 60	COBALT 60	BECQUEREL PER LITRE
CRUT CHROMIUM UNF. TOT.	CHROMIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CHROMIUM
CS134 CESIUM 134	CESIUM 134	BECQUEREL PER LITRE
CS137 CESIUM 137	CESIUM 137	BECQUEREL PER LITRE
CUUT COPPER UNF. TOT.	COPPER, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS COPPER
DO DISSOLVED OXYGEN	DISSOLVED OXYGEN	MILLIGRAM PER LITRE AS OXYGEN

Test Name and Abbreviated Description	Description of Test	Units of Measure
DOC CARBON DISSOLVED ORGANIC	CARBON, DISSOLVED ORGANIC	MILLIGRAM PER LITRE AS CARBON
ECMF ESCH IA COLI MF	ESCHERICHIA COLIFORM, MEMBRANE FILTRATIONS TECHNIQUE	COUNTS PER 100 ML
FCMF FECAL COLIFORM MF	FECAL COLIFORM MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
FEUT IRON UNF. TOT.	IRON, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS IRON
FFIDUR FLUORIDE UNF. REAC.	FLUORIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS FLUORIDE
FSMF FECAL STREPCUS MF	FECAL STREPTOCOCCUS, MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
FWFLOW STREAM FLOW	STREAMFLOW	CUBIC METRE (1000L) PER SECOND
FWPH PH FIELD	PH, FIELD	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
FWSTRC STREAM COND.	STREAM CONDITION	NOT APPLICABLE
FWTEMP WATER TEMP.	TEMPERATURE, WATER	DEGREES CELSIUS

Test Name and Abbreviated Description	Description of Test	Units of Measure
GACF GROSS ALPHA CT. FILTERED	GROSS ALPHA CT., FILTERED	BECQUEREL PER LITRE
GACP GROSS ALPHA CT UNDISSOL.	GROSS ALPHA CT., UNDISSOLVED	BECQUEREL PER LITRE
GBCF GROSS BETA CT. FILTERED	GROSS BETA CT., FILTERED	BECQUEREL PER LITRE
GBCP GROSS BETA CT. UNDISSOL.	GROSS BETA CT., UNDISSOLVED	BECQUEREL PER LITRE
HARDT HARDNESS TOTAL	HARDNESS, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
HGUT MERCURY UNF. TOT.	MERCURY, UNFILTERED TOTAL	MICROGRAM PER LITRE AS MERCURY
HH3 TRITIUM HYDROG-3	TRITIUM, (HYDROGEN 3)	BECQUEREL PER LITRE
II131 IODINE 131	IODINE 131	BECQUEREL PER LITRE
KKUR POTASSIUM UNF. REAC.	POTASSIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS POTASSIUM
MGUR MAGNESIUM, FIL. REAC.	MAGNESIUM, FILTERED REACTIVE	MILLIGRAM PER LITRE AS MAGNESIUM
MNUT MANGANESE, UNF. TOT.	MANGANESE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS MANGANESE

Test Name and Abbreviated Description	Description of Test	Units of Measure
NAUR SODIUM UNF. REAC.	SODIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SODIUM
NIUT NICKEL UNF. TOT.	NICKEL, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS NICKEL
NNHTFR NH3-N TOTAL FIL. REAC.	AMMONIUM, TOTAL FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNKI TOTAL N	TOTAL NITROGEN: SUM OF NITRATE NITRITE AND KJELDAHL-NITROGEN	MILLIGRAM PER LITRE AS NITROGEN
NNKUR KJELDAHL ORGANIC UNF. REAC.	KJELDAHL-NITROGEN, ORGANIC UNFILTERED REACTIVE	MILLIGRAM PER LITRE
NNOTFR NO2+NO3N FIL. REACT.	NITRATES, TOTAL FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNOTUR NO1+NO3N UNF, REAC.	NITRATES, TOTAL UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNO2FR NO2-N FIL. REAC.	NITRITE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNTIFR INORG. N. TOTAL FIL. REAC.	NITROGEN, TOTAL INORGANIC FILTERED REACTIVE	MILLIGRAM PER LITRE
NNO2UR NO2-N UNF. REAC.	NITRITE, UNFILTERED REACTIVE	MILLIGRAMS PER LITRE AS NITROGEN

Test Name and Abbreviated Description	Description of Test	Units of Measure
NNO3FR NO3-N FILT. REAC.	NITRATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNO3UR NO3-N HNF. REAC.	NITRATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNTKUR K'DAHL N TOTAL UNF. TOT.	NITROGEN, TOTAL KJELDAHL UNFIL. REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
PBUT LEAD UNF. TOT.	LEAD, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS LEAD
pH	pH (-LOG H+CONC), LAB.	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
PHNOL PHENOLS UNF-REAC	PHENOLICS, UNFILTERED REACTIVE	MICROGRAM PER LITRE AS PHENOL
PPO4FR PO4 FIL. REAC.	PHOSPHATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS PHOSPHORUS
PPO4UR PO4 UNF. REAC.	PHOSPHATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS PHOSPHORUS
PPUT PHOSPHOR UNF. TOT.	PHOSPHORUS, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS PHOSPHORUS
PSAMF PSEUDOMN AERUG, MF	PSEUDOMONAS, AERUGINOSA MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
P1PCBT PCB TOTAL	POLYCHLORINATED BIPHENOLS, TOTAL	MICROGRAM PER LITRE
P3245T 2,4,5-T	2,4,5-Trichlorophnoxyacetic	MICROGRAM PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
RA226F RADIUM 226 FIL.	RADIUM-226, FILTERED	BECQUEREL PER LITRE
RA226T RADIUM 226 TOT.	RADIUM-226, TOTAL	BECQUEREL PER LITRE
RSF RESIDUE FILTERED	RESIDUE, FILTERED	MILLIGRAM PER LITRE
RSFRAD RESIDUE FILTERED RADIOLOG	RESIDUE, FILTERED RADIOLOGICAL	MILLIGRAM PER LITRE
RSP RESIDUE PARTIC.	RESIDUE, PARTICULATE	MILLIGRAM PER LITRE
RSPRAD RESIDUE PARTIC. RADIOLOG	RESIDUE, PARTICULATE	MILLIGRAM PER LITRE
RST RESIDUE TOTAL	RESIDUE, TOTAL	MILLIGRAM PER LITRE
SAMPLE NUMBER	SAMPLE NUMBER, FIELD	NOT APPLICABLE
SIO3UR SILICATE UNF. REAC.	SILICATES, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SILICON
SOLEXT SOLVENT EXTRACT.	SOLVENT EXTRACTABLES	MILLIGRAM PER LITRE
SSIDUR SULPHIDE	SULPHIDE, UNFILTERED REACTIVE UNF. REAC.	MILLIGRAM PER LITRE
SSO4UR SULPHATE UNF. REAC.	SULPHATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SULPHATE

Test Name and Abbreviated Description	Description of Test	Units of Measure
TCMF COLIFORM TOTAL MF	COLIFORM, TOTAL MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
TCMFBK COLIFORM TOTAL MF BCKGRD	COLIFORM, TOTAL MEMBRANE FILTRATION TECHNIQUE BACKGROUND	COUNTS PER 100 ML
TURB TURB'ITY	TURBIDITY	FORMAZIN TURBIDITY UNIT
UU238 URANIUM 238	URANIUM 238	MILLIGRAM PER LITRE
X3PCPH PENTACHL PHENOL	PENTACHLOROPHENOL	NANOGRAMS PER LITRE
ZNUT ZINC UNF. TOT.	ZINC, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ZINC

OTHER ABBREVIATIONS

ARITH MEAN	arithmetic mean
AVE.	avenue
AVG OR GEOM MN	arithmetic mean or geometric mean (denoted by *)
BLVD.	boulevard
BR.	branch, bridge or brook
CORP.	corporation
CAN.	Canadian
C.N.R.	Canadian National Railway
CO.	county or company
CONC.	concession
C.P.R.	Canadian Pacific Railway
CR.	Creek
DR.	drive
FT.	feet
GEOM MEAN	geometric mean
HWY.	highway
JNT.	junction
L.	left
MG	milligram(s)
MG/L or mg/L	milligrams per litre
ML	millilitre(s)
N.	north
NG/L	nanogram(s) per litre
NO/OF SAMPLES	number of samples
PT.	part or point
Q.E.W.	Queen Elizabeth Way
R.	river or right
RD.	road
R.R.	railroad
RW.	railway
S.	south
STD DEV	standard deviation
S.T.P.	sewage treatment plant
TWP.	township
UG/L	micrograms per litre
W.P.C.P.	water pollution control plant
WW.	water-works

An "Exponent" is used to move the decimal point to the right when the result is greater than 7 digits or to the left if the result is measured to more than three decimal places.

EXPONENT = + 4	multiple	result by	10,000
= + 3	"	"	1,000
= + 2	"	"	100
= + 1	"	"	10
= - 1	divide	result by	10
= - 2	"	"	100
= - 3	"	"	1,000
= - 4	"	"	10,000

ANALYTICAL TECHNIQUES USED TO MEASURE WATER QUALITY

Microbiological Parameters	Analytical Technique
Total Coliforms	Membrane Filtration
Fecal Coliforms	Membrane Filtration
Fecal Streptococcus	Membrane Filtration
Pseudomonas Aeruginosa	Membrane Filtration
Background Count	Membrane Filtration

Chemical and Physical Parameters	Analytical Technique
Alkalinity	Auto* fixed endpoint titration
Ammonia-N (filtered total)	Auto modified Berthelot reaction
Arsenic	Flameless AAS**; colourimetry
Cadmium	AAS
Calcium	AAS; EDTA titrimetric
Carbon	Auto oxidation, colourimetry
Chloride	Auto potentiometric titration; Auto FeCNS
Chromium	AAS; colourimetry
Conductivity	25°C thermostated conductivity meter
Copper	AAS
Iron (total)	AAS; Auto TPTZ colourimetry
Lead	AAS
Magnesium	AAS; calculation from hardness, Ca
Manganese	AAS; Auto formal doxine colourimetry
Mercury	Flameless AAS
Nickel	AAS
Nitrate + Nitrite-N (filtered)	Auto hydrazine reduction-diazotization
Kjeldahl-N	Digest, Auto modified Berthelot reaction
Phospnate-P (filtered reactive)	Auto molybdenum blue-ascorbic acid
pH	Potentiometric-glass electrode
Phenolics-reactive	Auto distillation-4AAP
Phosphorus-total	Digest, Auto molybdenum blue-ascorbic acid
Phosphorus-filtered total	Digest, Auto molybdenum blue-ascorbic acid
Potassium	AAS

Selenium	Fluorimetry
Silicates-reactive	Auto molybdenum blue-ascorbic acid
Sodium	AAS
Solids-suspended	Gravimetric
Sulfate	Auto MTB colourimetry; Ion Chromatography
Turbidity	Nephelometry, formazin standard
Zinc	AAS

Radiochemical Parameters

Gross alpha	Nuclear disintegrations count from evaporated residues
Gross beta	Nuclear disintegrations count from evaporated residues
Radium-226	Diemination technique
Uranium-total	Fluorometric technique
Cesium-137	Gamma spectrometry
Cesium-134	Gamma spectrometry
Cobalt-60	Gamma spectrometry

Synthetic Organic Parameters

PCB	Solvent extraction, gas chromatography
2,4,5-T	Solvent extraction, gas chromatography
PCP	Solvent extraction, gas chromatography

* Automated instrumentation

** Atomic Absorption Spectrophotometry

GLOSSARY OF TERMS

Arithmetic Mean - The nth quotient of the summation of n observations. The equation for the arithmetic mean ($\bar{X}$) can be expressed as:

$$\bar{X} = \frac{X_1 + X_2 + X_3 + \ldots + X_n}{n}$$

Detection Limit - The amount of analyte required to be present to ensure that when it is 'absent' it will not be reported as 'present'.

Geometric Mean - The nth root of the product of n observations. The equation for the geometric mean (G_x) can be expressed as:

$$G_x = \sqrt[n]{X_1 \times X_2 \times \ldots \times X_n}$$

or

$$G_x = \text{antilog} \frac{(\log X_1 + \log X_2 + \ldots + \log X_n)}{n}$$

Standard Deviation - A measure of variability or dispersion. For a set of n observations, X_i ; i = 1, ..., n. The standard deviation is given as:

$$S = \sqrt{\Sigma(x_i - \bar{x})^2 / (n - 1)}$$

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ABBREVIATIONS AND REMARKS USED ON REPORTS

ABBREVIATIONS USED:

BTM GRAB	BOTTOM GRAB SAMPLE
CORE	BOTTOM CORE SAMPLE
CNT LOW	BACTERIA COUNT UNACCEPTABLE
DATA AVL	DATA NOT STORED IN THIS SYSTEM BUT IS AVAILABLE
DC	DEPTH COMPOSITE SAMPLE
DD	DAY
ET	END TIME
EXP	PRECIPITATING AT EXPOSURE (FOR PRECIP. SAMPLES)
GC	GAUGE DEPTH (FOR PRECIP. SAMPLES)
I	DEPTH INTERVAL (IN METERS) WHEN ASSOCIATED WITH DC TIME INTERVAL (IN HOURS) WHEN ASSOCIATED WITH TC
ID	INITIAL DATE (SET-UP DATE FOR PRECIP. SAMPLES)
IT	INITIAL TIME (SET-UP TIME FOR PRECIP. SAMPLES)
LAT	LATITUDE
LONG	LONGITUDE
LMT	LOCAL MEAN TIME
LO1	LOW VOLUME SEQUENTIAL SAMPLE
LO2	LOW VOLUME NUTECH SAMPLE
MM	MONTH
N	NUMBER OF SAMPLES (USED FOR DC, TC AND CORE SAMPLES)
DRY	PRECIPITATION SAMPLE (DRY ONLY)
WET	PRECIPITATION SAMPLE (WET ONLY)
BULK	PRECIPITATION SAMPLE (BULK)
GRND	PRICIPITATION SAMPLE (ON GROUND SNOW COURSE)
REM	PRECIPITATING AT REMOVAL (FOR PC SAMPLES 0,1,2,3)
SD	START DEPTH
ST	START TIME
SED CORE	SEDIMENT CORE SAMPLE (DEPTH FROM AND TO MEASURED IN CM)
SED GRAB	SEDIMENT GRAB SAMPLE (DEPTH FROM AND TO MEASURED IN CM)
WLE	WATER LAYER - WHOLE LAKE COMPOSITE
EPI	WATER LAYER - EPILIMNION ZONE
MET	WATER LAYER - METALIMNION ZONE
HYP	WATER LAYER - HYPOLIMNION ZONE
EUP	WATER LAYER - EUPHOTIC ZONE
GEN	WATER LAYER - GENERAL LAYER
TC	TIME COMPOSITE SAMPLE
TNTC	BACTERIA TOO NUMEROUS TO COUNT
V	VOLUME WHEN ASSOCIATED WITH LO1 AND LO2 SAMPLES
YY	YEAR

NOTE:
ONE SAMPLE DESIGNATES DATA ASSOCIATED WITH A LOCATION AT ONE POINT IN TIME

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
<	ACTUAL RESULT < THAN REPORTED VALUE	PE
<=>	APPROXIMATE RESULT	
<DL	REPORTED VALUE=MDL: MEASURE AMT<MDL	PT
<E	NO RESP.: (EXCESS DIL'N) MIN. VALUE	PE
<N	NON-DETECTED	PE
<R	DETECT LIMIT REPORT: VALUE < LIMIT	PE
<S	TRACE RESP.: < THAN VALUE REPORTED	PE
<SQ	LESS THAN-BASED ON SEMI-QUANT. METH	
<T	A MEASURABLE TRACE AMOUNT	PT
<TE	MEASURABLE TRACE AFTER EXTRA DIL/CO	PT
<W	NO MEASURABLE RESPONSE (O) <REP. V.	PT
<WE	NO MEASURABLE RESPONSE (DILN/CONC)	PT
|	NO DATA WILL BE REPORTED: SEE TEXT	
|*|	INTERNAL TEST: NOT INCLUDED IN REP.	
|AA	NO DATA: ANAL. REQ ABSENT-AMBIGUOUS	
|AD	NO DATA: ANOMALOUS DATA WITHDRAWN	
|AI	ADDITIONAL INFORMATION AVAIL AT LAB	
|AL	NO DATA: AL NOT DONE, PH > 5.5	
|AM	NO DATA: PH > 7	
|AR	SEE ATTACHED REPT: NO NUMERIC VALUE	
|AW	NO DATA: ANALYSIS WITHDRAWN	
|BC	NO DATA: BACKGRND COLOUR INTERFERES	
|BL	NO DATA: UNRELIABLE BLANK	
|BN	NO DATA: BACKGROUND TOO NUMEROUS	
|BT	NO DATA: SAMPLE BROKEN IN TRANSIT	
|CA	NO DATA: CARBONATE NOT DONE, PH<5.0	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|CL	NO DATA: EXCESSIVE CHLORINE LEVEL	
|CR	COULD NOT PERFORM CONFIRMING REANAL	
|CS	NO DATA: CONTAMINATION SUSPECTED	
|CU	NO DATA: COLONY COUNT UNSUITABLE	
|DD	NO DATA: DUPLICATES FOUND TO DIFFER	
|DI	NO DATA: SAMPLE DISCARDED IN ERROR	
|DL	NO DATA FOR LPA DUE TO SIZE DISTRIB	
|DS	NO DATA FOR SPA DUE TO SIZE DISTRIB	
|EE	NO DATA: EMPTY ENVELOPE	
|EF	NO DATA: LABORATORY EQUIP. FAILURE	
|EP	NO DATA: EXCESS. PRESERVATIVE USED	
|FB	NO DATA: FROZEN CONTAINER BROKEN	
|FC	NO DATA: FOIL CAP CONTAMINATED SAMP	
|FF	NO DATA: FIELD FILTERED SAMP REQURD	
|GL	NO DATA: GREEN LABEL REQ ON BOTTLE	
|HB	NO DATA: HIGH BACKGROUND ABSORBANCE	
|HI	RERUN: NO VALUE,OFFSCALE HIGH	
|IC	NO DATA: IMPROPER CONTAINER	
|IF	NO DATA: INVALID FILTER-NO AIR VOL	
|IL	NO DATA: SAMPLE INCORRECTLY LABELED	
|IM	INTERNAL LAB MEMO; FOR LAB USE ONLY	
|IP	NO DATA: INSUFFICIENT PRESERVATIVE	
|IR	NO DATA: INSUFFICIENT FOR REPEAT AN	
|IS	NO DATA: INSUFFICIENT SAMPLE	
|IV	NO DATA: INVALID SAMPLE	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|LC	NO DATA: LAB CAPACITY EXCEEDED	
|LD	NO DATA: TEST QUEUED:SAMP DISCARDED	
|LO	RERUN: NO VALUE,OFFSCALE LOW	
|LP	NO DATA: PERISHABLE TEST QUEUE LATE	
|MS	NO DATA: TOO COMPLEX, REF TO MS GRP	
|NA	NO DATA: NO AUTHORIZATION TO ANALYZ	
|ND	NO DATA: NOT ANALYZED	
|NE	SUBM SHEET MISPLACED - NOT ENTERED	
|NF	NO DATA: INFORMATION NOT RECEIVED	
|NI	NO DATA: SAMP NOT STORED IN ICE	
|NM	NO DATA: NO DISCHARGE	
|NN	NO DATA: TESTS REQ. IN LIS ERROR	
|NP	NO DATA: NO APPROP. PROCEDURE AVAIL	
|NR	NO DATA: SAMPLE NOT RECEIVED AT LAB	
|NS	NO DATA: NOT EQUIP. TO ANALY SAFELY	
|NT	NO DATA: NO TIME RECORDED	
|OC	NO DATA: ORGANIC CARBON CONTENT>17%	
|OF	SLUDGE SAMP DISCARD:BOTTLE OVERFILL	
|OP	NO DATA: OBSCURED PLATE	
|OS	NO DATA: OPTIONAL SAMPLE	
|OT	SAMPLE OVERTITRATD:NO REPEAT POSBLE	
|PE	PROCEDURE ERROR: SAMP NOW DISCARDED	
|PH	NO DATA: PH OUTSIDE VALID RANGE	
|PM	NO DATA: PIECE MISSING	
|PR	NO DATA: PRESERVATIVE REQUIRED	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|QU	NO DATA: QUALITY CONTROL UNACCEPT.	
|RC	RESULT CHANGED: REPORT REVISED	
|RD	SEE ATTCH. REPT:NO NUM VALUE:DIOXIN	
|RE	NO DATA: SAMP CONTAINER RECV. EMPTY	
|RI	SEE ATTCH. REPT:NO NUM VALUE:ITCS	
|RL	RESULT FORTHCOMING FROM RAD. LAB	
|RM	SEE ATTCH. REPT:NO NUM VALUE:MICRO	
|RN	SEE ATTCH. REPT FOR NUMERIC RESULT	
|RO	SEE ATTCH. REPT:NO NUM VALUE:OTCS	
|RP	SEE ATTCH. REPT:NO NUM VALUE:PEST	
|RR	NO DATA: RERUN HAS BEEN INITIATED	
|RS	REPORT SENT TO PRIMARY CLIENT	
|RT	SAMPLE NOT REFRIGERATED IN TRANSIT	
|RW	SEE ATTCH. REPT:NO NUM VALUE:WQS	
|SD	NO DATA: SAMPLE DECOMPOSED	
|SE	SAMPLE EXAMINED: SEE OTHER RESULTS	
|SF	NO DATA: SAMPLE RECEIVED FROZEN	
|SL	NO DATA: SAMP ARRIVED LATE FOR ANAL	
|SM	NO DATA: SAMPLE MISSING:LOST IN LAB	
|SS	SEPARATE SAMP, PROPER. PRESERVE REQ	
|ST	NO DATA: SEE ATTACHED TEXTUAL INFO.	
|TE	TURB LIMIT OF APP COLOR TEST EXCEED	
|TF	NO DATA: TORN FILTER	
|TH	TURBIDITY EXCEEDED INSTRUMENT RANGE	
|TM	NO DATA: TEST MEDIA NOT AVAILABLE	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|TO	NO DATA: HI ORGANIC PRECLUDED MICRO	
|TU	NO DATA: ANALY TEMPORARILY UNAVAIL.	
|TW	NO DATA: TARE WEIGHT >LOADED WEIGHT	
|TX	NO DATA: TIME LIMIT EXPIRED	
|U	NO DATA: UNSUITABLE FOR ANALYSIS	
|UB	NO DATA: BROKEN SAMPLE CONTAINER	
|UD	INSUFFICIENT SAMPLE	
|UE	NO DATA: UNCORRECTABLE ERROR	
|UI	NO DATA: UNDETERMINED INTERFERENCE	
|UN	NO DATA: RESULTS UNRELIABLE	
|UP	NO DATA: NO INFLECTION POINT DETECT	
|UR	NO DATA: UNPRESERVED SAMP REQUIRED	
|VE	INSUFFICIENT SAMP:VISUAL EST:RSP<15	
|VN	NO DATA: SAMPLE CONTAINER NOT FULL	
|VU	NO DATA: VALUES USED IN CACL UNVAIL	
|WP	NO DATA: WRONG PRESERVATIVE USED	
|1W	NO DATA: SAMPLE AGE EXCEEDS 1 WK	
|12	NO DATA: SAMPLE AGE EXCEEDS 12HR	
|24	NO DATA: SAMPLE AGE EXCEEDS 24HR	
|30	NO DATA: SAMPLE AGE EXCEEDS 30 HRS	
|48	NO DATA: SAMPLE AGE EXCEEDS 48 HRS	
|72	NO DATA: SAMPLE AGE EXCEEDS 72HR	
#?	CHECK: LIS PICKED PREVIOUS RERUN	
#??	CHECK: LIS PICKED FROM PREV. RERUNS	
#DE	DEMO RESULT- DO NOT REPORT !!!!!!!!	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
*LO	RERUN: READING TOO LOW- USE LG ALIQ	
*RE	BAD READING. NO RESULT	
*RH	RERUN: DILUTION READING TOO HIGH	
*RL	RERUN: DILUTION READING TOO LOW	
*RR	RERUN REQUESTED	
>	ACTUAL RESULT > THAN REPORTED VALUE	PE
>SF	ACTUAL MASS > SIZED FIBRE MASS	PE
?	LATE DATA: DATA NOT YET AVAILABLE	PT
A	APPROXIMATE VALUE	
A>	APROX RSLT:EXCEED NORMAL RNGE LIMIT	
AAI	ADDITIONAL INFO AVAILABLE FROM LAB	
AGE	SAMPLE AGE EXCEEDED NORMAL LIMIT	
AID	APPROX VALUE: INSUFFICIENT DILUTION	
AIP	ANALYSIS IN PROGRESS	
AIT	ANALYSIS BY IODINE TITRATION METHOD	
ALO	TOO ORGANIC;4:1 SOL'N:SOIL RATIO	
APD	ANALYSIS PERFORMED AT DORSET LAB	
AR	ATTACHED REPORT	PT
BLD	BOTTLE LABEL/SUBMISSION FORM DIFFER	
BNL	BOTTLE NOT LABELLED- LOCATION?	
BPS	RESULTS BIASED LOW DUE TO LONG STOR	
C	BACKGROUND COUNT TOO NUMEROUS	
CIC	POSSIBLE CONTAM DUE TO IMPROPER CAP	
CID	IONCAL FOR LAB USE ONLY	
CIT	CONFIRMED BY IODINE TITRATION METH	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
CRC	TEMP CONTINGENCY: RSF = COND.* .065	
CRO	CALCULATED RESULT ONLY	
DCC	DANGER: SAMPLE CONTAINS CARCINOGENS	
DCN	DANGER: SAMPLE CONTAINS CYANIDE	
DCP	DANGEROUS CONSTITUENTS PRESENT	
DUP	DUPLICATE	
DWP	DRINKING WATER QUALITY POOR	
DWU	DRINKING WATER QUALITY UNSAFE!	
D24	ANALYSIS DELAYED TO 24HR: OVERLOAD.	
D48	ANALYSIS DELAYED TO 48HR: OVERLOAD.	
E	ESTIMATED OR COMPUTED VALUE STORED	
EBR	NO RESULT: BOTTLE RECEIVED EMPTY	
EDC	EXCEEDS 1978 DRINK WATER QUAL CRIT	
EV	ESTIMATED VALUE - TARE WT UNVAIL.	
FAN	FRACTION ANALY: NON-AQUEOUS PHASE	
FAP	FRACTION ANALY: PARTICULATE ONLY	
FAQ	FRACTION ANALY: AQUEOUS PHASE ONLY	
FBA	LAB STAFF:FILT.WHOLE SAMP BEFORE AN	
HRF	SUSPECTED HIGH RESULT:IRON PRECIP	
I	INTERFERENCE SUSPECTED	
IB	INTERFERENCE: BACKGROUND	PT
IC	INTERFERENCE: COLOUR	
IM	INTERFERENCE: SAMPLE MATRIX	PT
IST	INSUFFICIENT SAMPLE: PETBOTTLE LEAK	
LPI	LABELS PROBABLY INTERCHANGED	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
MES	2345+2346-TETRACHOLOR-PHENOL TOGETH	
MP	MULTIPHASE SAMPLE(SUSPECTED RESULT)	PT
NAF	NOT ALL REQUIRED TESTS FOUND	
NED	NOT ENOUGH DATA	
NEW	TEST ANALYZED BY NEW METHOD	PT
NNN	NOTE: CORRECTED VALUE	
NSD	NO SAMPLE DATE INDICATED	
NSS	NO SUITABLE SAMPLE	
NTR	NO TIME RECORDED: ANAYL. PERFORMED	
O	OLD: SAMPLE EXCEEDS MAX. STORAGE T.	PT
PFS	TEST PERFORMED ON PREV FROZEN SAMP	
PHA	PH ADJUSTED BEFORE ANALYSIS	
PLD	PASSIVE LOADING	
PLT	PALUSTRIC+LEVOPIMARIC ACID TOGETHER	
PNF	TEST PERFORMED ON NON-FROZEN SAMPLE	
PNS	TEST PERFORMED ON UNPRESERVE SAMPLE	
PPS	TEST PERFORMED ON PRESEVERED SAMPLE	
PS1	PCB RESEM.MIX AROCLR 1248,1254,1260	
PS2	PCB RESEM.MIX AROCLR 1242 1245 1260	
P16	PCB RESEMBLED AROCLOR 1016	PT
P20	PCB RESEMBLED MIX AROCLOR 1242 1260	
P21	PCB RESEMBLED AROCLOR 1221	
P24	PCB RESEMBLED MIX:AROCLOR 1242,1254	
P28	PCN RESEMBLED MIX:AROCLOR 1242,1248	
P32	PCB RESEMBLED AROCLOR 1232	PT

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
P42	PCB RESEMBLED AROCLOR 1242	
P48	PCB RESEMBLED AROCLOR 1248	
P54	PCB RESEMBLED AROCLOR 1254	
P60	PCB RESEMBLED AROCLOR 1260	
P80	PCB RESEMBLED MIX:AROCLOR 1248,1260	
P84	PCB RESEMBLED MIX:AROCLOR 1248,1254	
RID	IONCAL CALC. ON INCOMPL. DATA SET	
RSP	REPEAT SAMPLE-DRINKING WATER POOR	
RSU	REPEAT SAMPLE-DRINKING H2O UNSAFE	
R24	REPEAT: 24 HRS SAMPLING TO ANALYSIS	
R48	REPEAT: 48 HRS SAMPLING TO ANALYSIS	
R72	REPEAT: 72 HRS SAMPLING TO ANALYSIS	
SBF	WHOLE FISH SUBMITTED - SBF ANALYZED	UO
SBO	SAMPLE BOTTLE OVERFILLED	
SCT	SAMPLE NOT COOLED DURING TRANSIT	
SD	SAMPLE DUPLICATES DIFFER IN APPEAR.	
SFT	SAMPLE FROZEN IN TRANSIT	
SID	SAMPLE IDENTIFICATION QUESTIONABLE	
SIL	SAMP INCORRECTLY LABELLED	
SIP	SAMPLE IMPROPERLY PRESERVED	PT
SPH	SATURATED PASTE PH REPT:HIGH ORGAN.	
SPL	SEVERAL PEAKS,LARGE,NOT PRIORITY	
SPS	SEVERAL PEAKS,SMALL,NOT PRIORITY	
SQT	RESULT BASED ON SEMI-QUANT. METHOD	
SRP	SPECIAL RESAMPLE- DRINKING H2O POOR	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
STA	SAMP TOO OLD FOR RE-ANALYSIS	
STC	SAMP TOO COMPLEX FOR THIS METHOD	
TAF	TRACE AMOUNT FOUND	
TNA	SOME TESTS REQUESTED NOT AVAILABLE	
U	UNRELIABLE RESULT	
UAM	UNRELIABLE: ANALYZER MALFUNCTION	
UAU	UNRELIABLE- SAMPLE AGE UNKNOWN	
UCI	UNRELIABLE: SUSPECTED CL2 INTERFER.	
UCL	UNRELIABLE: EXCESSIVE CL2 LEVEL	
UMF	UNRELIABLE: MULTIPLE FILTERS SUBMIT	
UQC	DATA UNRELIABLE: POSSIBLE LAB QC P.	PT
URD	RESULT MAY BE LOW: UNDISOLVE PART.	
USF	UNRELIABLE: SAMPLE FROZEN IN TRANS.	
USM	ALUMINUM FOR METALS SAMPLE	PT
USP	PLASTIC ORGANICS SAMPLE	PT
UST	UNRELIABLE: PET BOTTLE LEAKED TRANS	
UTF	UNRELIABLE: TORN FILTER	
U24	UNRELIABLE: SAMPLE AGE EXCEEDS 24HR	
U30	UNRELIABLE- SAMPLE AGE EXCEEDS 30HR	
WFA	WHOLE FISH ANALYZED	UO
WSB	WARNING-HEAVY SILT IN SAMP BIAS RES	
WSD	WRONG SAMP DESCRIPTION ON BOTTLE	
WST	WET SAMP MASS USED:RESLT REPT MG/KG	
X1	DILUTD BY 10 DETECT LIMT 10X NORM	
X2	DILUTD BY 100 DETECT LIMT 100X NORM	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
24P	P-A BOTTLE POSITIVE AFTER 24 HOURS	
48P	P-A BOTTLE POSITIVE AFTER 48 HOURS	
72P	P-A BOTTLE POSITIVE AFTER 72 HOURS	
96P	P-A BOTTLE POSITIVE AFTER 96 HOURS	
99P	P-A BOTTLE POSITIVE AFTER 120 HOURS	

COMPUTED VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

<A	VALUE WITH A REMARK WHICH HAS A COMMENT CODE OF PT (AS ABOVE) USED IN COMPUTATIONS
	NOTE: VALUES WITH COMMENT CODE OF PE ARE NOT USED IN COMPUTATIONS

REMARK CODES APPEAR TO THE RIGHT OF THE VALUE I.E. 435.56<T

B.O.N./ SITE: LAKE SUPERIOR
SAMPLE POINT: INSIDE EASTERN GAP THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-001-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 26 55.37 LONG: 089 10 45.39 U T M: 16 0338850.0 5368250.0 4 REGION: 06

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR	COLAP
							BOD	CYANIDE	CYANIDE			
SAMPLE			SAMPLE	PROJECT	ALK	ARSENIC	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE	
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	TOTAL	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC	COLOUR
YYMMDD	LMT	NUMBER	M	CODE	MG/L AS CACO3	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-	APPARENT HZU
840522	1255	50055	0.30	0103	32.0	0.0010<	2.30	0.001<W	0.001<W	0.0005<	2.200	36.000
840618	1110	50078	0.30	0101	30.0		1.30				4.800	57.000
840709	1045	50101	0.30	0103	29.0	0.0010<	1.50	0.001<W	0.001<W	0.0005<	2.100	68.000
840815	0925	50124	0.30	0101	38.0		1.30				3.200	48.000
840917	0945	50147	0.30	0101	44.0	0.0010<	2.00			0.0005<	10.000	19.000
841022	1035	50170	0.30	0101	40.0		0.70				4.800	25.000
		MAXIMUM	0.30		44.0		2.30	0.001	0.001		10.000	68.000
		ARITH MEAN	0.30		35.5		1.52	0.001<A	0.001<A		4.517	42.167
		GEOM MEAN			35.1		1.42	0.001<A	0.001<A		3.879	38.350
		MINIMUM	0.30		29.0		0.70	0.001	0.001		2.100	19.000
		STD DEV (GEOM *)			6.1		0.57	0.000<A	0.000<A		2.938	18.925
		# SAMP IN STATISTICS	6		6		6	2	2		6	6
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWTEMP	HARDT
								FECAL				
			CONDUCT.					COLIFORM	IRON			HARDNESS
SAMPLE			25C	COBALT	CHROMIUM	COPPER	DISOLVED	MF	UNF.TOT.		WATER	TOTAL
DATE	HOUR	SAMPLE	UMHO/CM	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	CNT	MG/L	PH	TEMP	MG/L
YYMMDD	LMT	NUMBER	AT 25 C	MG/L AS CO	MG/L AS CR	MG/L AS CU	MG/L AS O	/100ML	AS FE	FIELD	DEG.C	AS CACO3
840522	1255	50055	91.0	0.0020<	0.0020	0.0070	9.6	10<	0.1400	7.1	10.0	38.000
840618	1110	50078	94.0			0.0020	9.2	20AID	0.3900	7.0	14.0	44.000
840709	1045	50101	86.0	0.0020<	0.0020<	0.0010<	9.6	10<	0.2400	7.5	14.0	39.000
840815	0925	50124	107.0			0.0010	8.2		0.3000	7.5	19.0	50.000
840917	0945	50147	147.0	0.0020<	0.0030	0.0024	8.5	30AID	0.1900	7.6	13.0	54.000
841022	1035	50170	113.0				10.4			7.1	8.5	44.000
		MAXIMUM	147.0		0.0030	0.0070	10.4	30	0.3900	7.6	19.0	54.000
		ARITH MEAN	106.3		0.0025	0.0031	9.2	25	0.2520	7.3	13.1	44.833
		GEOM MEAN	104.6				9.2		0.2369	7.3	12.7	44.482
		MINIMUM	86.0		0.0020	0.0010	8.2	20	0.1400	7.0	8.5	38.000
		STD DEV (GEOM *)	22.4				0.8		0.0973	0.3	3.7	6.210
		# SAMP IN STATISTICS	6		2	4	6	2	5	6	6	6
		% SAMP (EXCLUDED)			33	20		50				

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: INSIDE EASTERN GAP THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-001-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 26 55.37 LONG: 089 10 45.39 U T M: 16 0338850.0 5368250.0 4 REGION: 06

*=INTERIM TEST-NAME:			MNUT	NIUT	PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK
			MANGANSE	NICKEL	LEAD						COLIFORM	COLIFORM
SAMPLE			UNF.TOT.	UNF.TOT.	UNF.TOT.		PO4 FIL.REAC	PHOSPHOR UNF.TOT.	RESIDUE	RESIDUE	TOTAL MF	TOTAL MF
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L		MG/L	MG/L	PARAC.	TOTAL	BCKGRD	BCKGRD
YYMMDD	LMT	NUMBER	AS MN	AS NI	AS PB	PH	AS P	AS P	MG/L	MG/L	CNT /100ML	CNT /100ML
840522	1255	50055	0.016	0.002<	0.003<	7.40	0.001<	0.014	3.00	70.00	270	1600
840618	1110	50078	0.020			7.40	0.001	0.020	9.00	80.00	100AID	4000
840709	1045	50101	0.025	0.002	0.003<	7.60	0.002	0.011	2.00	75.00	300AID	20000
840815	0925	50124	0.031			7.20	0.001	0.013	1.00	85.00		
840917	0945	50147	0.021	0.002<	0.003<	7.50	0.001<	0.011	4.00	120.00	2200C	100000>
841022	1035	50170				7.70	0.002	0.017	4.00	80.00		
		MAXIMUM	0.031	0.002		7.70	0.002	0.020	9.00	120.00	2200	20000
		ARITH MEAN	0.023	0.002		7.47	0.001	0.014	3.83	85.00	718	8533
		GEOM MEAN	0.022			7.46		0.014	3.09	83.65	365	
		MINIMUM	0.016	0.002		7.20	0.001	0.011	1.00	70.00	100	1600
		STD DEV (GEOM *)	0.006			0.18		0.004	2.79	17.89	4*	
		# SAMP IN STATISTICS	5	1		6	4	6	6	6	4	3
		% SAMP (EXCLUDED)		66			33					25

*=INTERIM TEST-NAME:			TURB	ZNUT
				ZINC
SAMPLE				UNF.TOT.
DATE	HOUR	SAMPLE	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	FTU	AS ZN
840522	1255	50055	1.70	0.0010
840618	1110	50078	3.30	0.0040
840709	1045	50101	2.70	0.0040
840815	0925	50124	2.10	0.0030
840917	0945	50147	4.60	0.0048
841022	1035	50170	4.30	
		MAXIMUM	4.60	0.0048
		ARITH MEAN	3.12	0.0034
		GEOM MEAN	2.93	0.0030
		MINIMUM	1.70	0.0010
		STD DEV (GEOM *)	1.17	0.0015
		# SAMP IN STATISTICS	6	5
		% SAMP (EXCLUDED)		

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: OFF MOUTH OF KAMINISTIQUIA RIVER
STATION TYPE: LAKE

STATION ID: 01-0000-002-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STORET CODE: 02 001

LAT: 48 23 30.97 LONG: 089 12 28.51 U T M: 16 0336550.0 5362060.0 4 REGION: 06

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C
840522	1510	50052	0.30	0101	41.0	0.0010<	2.80	0.0005<	39.000		83.000	163.0
840618	1125	50075	0.30	0101	45.0		0.80		5.900	53.000		126.0
840709	1110	50098	0.30	0101	40.0	0.0010<	0.70	0.0005<	3.900	31.000		110.0
840815	1315	50121	0.30	0101	41.0		0.90		4.900	30.000		118.0
840917	1325	50144	0.30	0101	42.0	0.0010	0.50	0.0005<	9.500	13.000		133.0
841022	1055	50167	0.30	0101	43.0		0.60		4.300	25.000		119.0
		MAXIMUM	0.30		45.0	0.0010	2.80		39.000	53.000	83.000	163.0
		ARITH MEAN	0.30		42.0	0.0010	1.05		11.250	30.400	83.000	128.2
		GEOM MEAN			42.0		0.87		7.512	27.601		127.1
		MINIMUM	0.30		40.0	0.0010	0.50		3.900	13.000	83.000	110.0
		STD DEV (GEOM *)			1.8		0.87		13.743	14.519		18.8
		# SAMP IN STATISTICS	6		6	1	6		6	5	1	6
		% SAMP (EXCLUDED)				66						

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCNF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3
840522	1510	50052	0.0030	0.0070	0.0030	7.6	1900C	0.8000	7.0		12.0	52.000
840618	1125	50075			0.0020	9.0	200AID	0.3900	7.0		12.5	58.000
840709	1110	50098	0.0020<	0.0020	0.0010	9.0	50C	0.250	7.0		15.0	50.000
840815	1315	50121			0.0020	9.0		0.1600	7.4		19.0	53.000
840917	1325	50144	0.0020<	0.0025	0.0025	9.7	70AID	0.1400	7.7	1	14.0	52.000
841022	1055	50167				10.6			7.6		8.5	50.000
		MAXIMUM	0.0030	0.0070	0.0030	10.6	1900	0.8000	7.7		19.0	58.000
		ARITH MEAN	0.0030	0.0038	0.0021	9.1	555	0.348	7.3		13.5	52.500
		GEOM MEAN		0.0033	0.0020	9.1	191	0.281	7.3		13.1	52.433
		MINIMUM	0.0030	0.0020	0.0010	7.6	50	0.1400	7.0		8.5	50.000
		STD DEV (GEOM *)		0.0028	0.0007	1.0	5*	0.271	0.3		3.5	2.950
		# SAMP IN STATISTICS	1	3	5	6	4	5	6		6	6
		% SAMP (EXCLUDED)	66									

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: OFF MOUTH OF KAMINISTIQUIA RIVER
STATION TYPE: LAKE

STATION ID: 01-0000-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 23 30.97 LONG: 089 12 28.51 U T M: 16 0336550.0 5362000.0 4 REGION: 06

#=INTERIM TEST-NAME:			MNUT	NIUT	PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK
			MANGANSE	NICKEL	LEAD		PO4	PHOSPHOR			COLIFORM TOTAL	COLIFORM TOTAL MF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	MF CNT /100ML	BCKGRD CNT /100ML
840522	1510	50052	0.056	0.003	0.003<	7.00	0.009	0.099	9.00	130.00	68000	6000AID
840618	1125	50075	0.020			7.70	0.004	0.025	4.00	85.00	1300	3000
840709	1110	50098	0.013	0.002<	0.003	7.60	0.003	0.029	3.00	85.00	52000	8000AID
840815	1315	50121	0.012			7.30	0.002	0.017	2.00	80.00		
840917	1325	50144	0.097	0.002<	0.003<	7.70	0.001	0.012	2.00	80.00	280	520
841022	1055	50167				7.70	0.004	0.023	8.00	90.00		
		MAXIMUM	0.097	0.003	0.003	7.70	0.009	0.099	9.00	130.00	68000	8000
		ARITH MEAN	0.040	0.003	0.003	7.50	0.004	0.034	4.67	91.67	30395	4360
		GEOM MEAN	0.028			7.50	0.003	0.026	3.89	90.27	5990	2942
		MINIMUM	0.012	0.003	0.003	7.00	0.001	0.012	2.00	80.00	280	520
		STD DEV (GEOM #)	0.037			0.29	0.003	0.032	3.08	19.15	15#	3#
		# SAMP IN STATISTICS	5	1	1	6	6	6	6	6	4	4
		% SAMP (EXCLUDED)		66	66							

#=INTERIM TEST-NAME:			TURB	ZNUT
				ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840522	1510	50052	5.40	0.0060
840618	1125	50075	2.90	0.0020
840709	1110	50098	2.10	0.0020
840815	1315	50121	1.60	0.0010
840917	1325	50144	1.70	0.0015
841022	1055	50167	6.40	
		MAXIMUM	6.40	0.0060
		ARITH MEAN	3.35	0.0025
		GEOM MEAN	2.88	0.0020
		MINIMUM	1.60	0.0010
		STD DEV (GEOM #)	2.05	0.0020
		# SAMP IN STATISTICS	6	5
		% SAMP (EXCLUDED)		

B.O.W./ SITE: LAKE SUPERIOR STATION ID: 01-0000-003-01
SAMPLE POINT: NEAR PULP MILL MISSION BAY THUNDER BAY
STATION TYPE: LAKE MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE SUPERIOR 001

LAT: 48 28 59.66 LONG: 089 12 21.97 U T M: 16 0336550.0 5357325.0 4 REGION: 06

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25	COUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT MCU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO
840522	1340	50053	0.30	0101	40.0	0.0010<	3.50	0.0005<	5.500	73.000	127.0	0.0030
840618	1155	50076	0.30	0101	42.0		1.70		2.600	36.000	110.0	
840709	1125	50099	0.30	0101	42.0		2.50	0.0005<	3.300	45.000	120.0	0.0020<
840815	1035	50122	0.30	0101	47.0		6.00		5.300	68.000	160.0	
840917	1120	50145	0.30	0101	42.0		0.80	0.0005<	7.600	41.000	132.0	0.0020<
841022	1105	50168	0.30	0101	42.0		2.00		3.900	38.000	123.0	
		MAXIMUM	0.30		47.0		6.00		7.600	73.000	160.0	0.0030
		ARITH MEAN	0.30		42.5		2.75		4.700	50.167	128.7	0.0030
		GEOM MEAN			42.4		2.29		4.416	48.193	127.8	
		MINIMUM	0.30		40.0		0.80		2.600	36.000	110.0	0.0030
		STD DEV (GEOM *)			2.3		1.83		1.812	16.117	17.0	
		# SAMP IN STATISTICS	6		6		6		6	6	6	1
		% SAMP (EXCLUDED)										66

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	FCHF	FEUT	FWPH	FWTEMP	HARDT	MNUT	NIUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI
840522	1340	50053	0.0040	0.0030	7.0	100<	0.4400	7.1	11.0	47.000	0.040	0.002<
840618	1155	50076		0.0020	10.0	50C	0.2700	7.2	11.0	51.000	0.015	
840709	1125	50099	0.0020	0.0010	7.8	10<	0.500	7.2	15.0	50.000	0.033	0.002<
840815	1035	50122		0.0020	2.7		0.4700	7.0	19.5	52.000	0.058	
840917	1120	50145	0.0080	0.0037	8.8	30AID	0.4500	7.5	14.0	49.000	0.026	0.002<
841022	1105	50168			8.8			7.4	9.0	45.000		
		MAXIMUM	0.0080	0.0037	10.0	50	0.500	7.5	19.5	52.000	0.058	
		ARITH MEAN	0.0047	0.0023	7.5	40	0.426	7.2	13.2	49.000	0.034	
		GEOM MEAN	0.0040	0.0021	7.0		0.417	7.2	12.8	48.941	0.031	
		MINIMUM	0.0020	0.0010	2.7	30	0.2700	7.0	9.0	45.000	0.015	
		STD DEV (GEOM *)	0.0031	0.0010	2.6		0.090	0.2	3.8	2.608	0.016	
		# SAMP IN STATISTICS	3	5	6	2	5	6	6	6	5	
		% SAMP (EXCLUDED)				50						

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: NEAR PULP MILL NISSION BAY THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 20 59.66 LONG: 089 12 21.97 U T M: 16 0336550.0 5357325.0 4 REGION: 06

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840522	1340	50053	0.003<	7.30	0.001	0.032	5.00	90.00	15000	6000AID	4.30	0.0050
840618	1155	50076		7.50	0.001	0.022	4.00	75.00	7900AID	13000	2.60	0.0010
840709	1125	50099	0.003<	7.40	0.003	0.025	7.00	95.00	43000	20000	5.90	0.0030
840815	1035	50122		6.90	0.002	0.040	7.00	120.00			5.30	0.0030
840917	1120	50165	0.004	7.60	0.004	0.029	8.00	120.00	900AID	400AID	3.40	0.0035
841022	1105	50168		7.50	0.002	0.035	10.00	95.00			9.80	
		MAXIMUM	0.004	7.60	0.004	0.040	10.00	120.00	43000	20000	9.80	0.0050
		ARITH MEAN	0.004	7.37	0.002	0.030	6.83	99.17	16700	9850	5.22	0.0031
		GEOM MEAN		7.36	0.002	0.030	6.54	97.84	8229	4998	4.76	0.0028
		MINIMUM	0.004	6.90	0.001	0.022	4.00	75.00	900	400	2.60	0.0010
		STD DEV (GEOM *)		0.25	0.001	0.007	2.14	17.72	5*	6*	2.55	0.0014
		# SAMP IN STATISTICS	1	6	6	6	6	6	4	4	6	5
		% SAMP (EXCLUDED)	66									

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: NEAR PROV.MILL,EASTERN GAP THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-004-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 27 00.82 LONG: 089 10 13.98 U T M: 16 0339500.0 5368400.0 4 REGION: 06

M=INTERIM TEST-NAME:		FMSADP	FGPROJ	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR	COLAP
				ALK		BOD	CYANIDE	CYANIDE			
SAMPLE				TOTAL	ARSENIC	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE	
DATE HOUR	SAMPLE	SAMPLE DEPTH	PROJECT SUB-PROJ	MG/L	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC	COLOUR APPARENT
YYMMDD LMT	NUMBER	M	CODE	AS CACO3	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-	HZU
840522 1250	50054	0.30	0101	36.0	0.0010<	2.90	0.001<W	0.001<W	0.0005<	2.300	25.000
840618 1100	50077	0.30	0101	28.0		2.20				3.500	63.000
840709 1035	50100	0.30	0103	39.0		2.10	0.001<W	0.001<W	0.0005<	2.200	23.000
840815 0935	50123	0.30	0101	40.0		2.10				3.300	24.000
840917 0950	50146	0.30	0101	46.0		3.60			0.0005<	11.000	26.000
841022 1030	50169	0.30	0101	41.0		1.00				5.200	23.000
MAXIMUM		0.30		46.0		3.60	0.001	0.001		11.000	63.000
ARITH MEAN		0.30		38.3		2.32	0.001<A	0.001<A		4.583	30.667
GEOM MEAN				37.9		2.16	0.001<A	0.001<A		3.867	28.357
MINIMUM		0.30		28.0		1.00	0.001	0.001		2.200	23.000
STD DEV (GEOM *)				6.0		0.88	0.000<A	0.000<A		3.325	15.883
# SAMP IN STATISTICS		6		6		6	2	2		6	6
% SAMP (EXCLUDED)											

M=INTERIM TEST-NAME:		COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWTEMP	HARDT
							FECAL				
		CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	COLIFORM	IRON			HARDNESS
SAMPLE		25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.		WATER	TOTAL
DATE HOUR	SAMPLE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	MG/L	PH	TEMP	MG/L
YYMMDD LMT	NUMBER	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	AS FE	FIELD	DEG.C	AS CACO3
840522 1250	50054	102.0	0.0020	0.0020<	0.0030	9.5	10<	0.1300	7.0	9.5	42.000
840618 1100	50077	90.0			0.0020	9.0	1100	0.2200	6.9	14.5	42.000
840709 1035	50100	110.0	0.0020<	0.0020<	0.0010<	8.8	40AID	0.1300	7.4	15.0	50.000
840815 0935	50123	115.0			0.0010	8.1		0.1600	7.2	18.5	54.000
840917 0950	50146	163.0	0.0020<	0.0035	0.0035	8.4	50AID	0.2100	7.8	13.0	60.000
841022 1030	50169	119.0				9.8			7.3	8.0	48.000
MAXIMUM		163.0	0.0020	0.0035	0.0035	9.8	1100	0.2200	7.8	18.5	60.000
ARITH MEAN		116.5	0.0020	0.0035	0.0024	8.9	397	0.1700	7.3	13.1	49.333
GEOM MEAN		114.5				8.9		0.1657	7.3	12.6	48.926
MINIMUM		90.0	0.0020	0.0035	0.0010	8.1	40	0.1300	6.9	8.0	42.000
STD DEV (GEOM *)		25.0				0.6		0.0430	0.3	3.8	7.005
# SAMP IN STATISTICS		6	1	1	4	6	3	5	6	6	6
% SAMP (EXCLUDED)			66	66	20		25				

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: NEAR PROV.MILL,EASTERN GAP THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-004-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 27 00.82 LONG: 089 10 13.98 U T M: 16 0339500.0 5368400.0 4 REGION: 06

*=INTERIM TEST-NAME:			MNUT	NIUT	PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK
			MANGANSE	NICKEL	LEAD		PO4	PHOSPHOR			COLIFORM TOTAL	COLIFORM TOTAL MF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	MF CNT /100ML	BCKGRD CNT /100ML
840522	1250	50054	0.017	0.002<	0.004	7.40	0.001	0.014	3.00	65.00	70AID	1500
840618	1100	50077	0.021			7.30	0.002	0.013	2.00	75.00	1100	4000
840709	1035	50100	0.011	0.003	0.003<	7.60	0.002	0.010	2.00	70.00	300AID	15000
840815	0935	50123	0.020			7.10	0.002	0.014	1.00	80.00		
840917	0950	50146	0.028	0.002	0.003	7.40	0.003	0.014	6.00	100.00	2800C	100000>
841022	1030	50169				7.70	0.002	0.018	4.00	75.00		
MAXIMUM			0.028	0.003	0.004	7.70	0.003	0.018	6.00	100.00	2800	15000
ARITH MEAN			0.019	0.002	0.003	7.42	0.002	0.014	3.00	77.50	1068	6833
GEOM MEAN			0.019			7.41	0.002	0.014	2.57	76.77	504	
MINIMUM			0.011	0.002	0.003	7.10	0.001	0.010	1.00	65.00	70	1500
STD DEV (GEOM *)			0.006			0.21	0.001	0.003	1.79	12.14	5#	
# SAMP IN STATISTICS			5	2	2	6	6	6	6	6	4	3
% SAMP (EXCLUDED)				33	33							25

*=INTERIM TEST-NAME:			TURB	ZNUT
				ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840522	1250	50054	2.90	0.0020
840618	1100	50077	2.90	0.0050
840709	1035	50100	3.60	0.0040
840815	0935	50123	2.90	0.0020
840917	0950	50146	8.80	0.0035
841022	1030	50169	5.60	
MAXIMUM			8.80	0.0050
ARITH MEAN			4.45	0.0033
GEOM MEAN			4.04	0.0031
MINIMUM			2.90	0.0020
STD DEV (GEOM *)			2.37	0.0013
# SAMP IN STATISTICS			6	5
% SAMP (EXCLUDED)				

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: NEAR ABITIBI THUNDER BAY PAPER MILL SLIP
STATION TYPE: LAKE

STATION ID: 01-0000-005-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STORET CODE: 02 001

LAT: 48 28 11.25 LONG: 089 09 31.93 U T M: 16 0340425.0 5370550.0 4 REGION: 06

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR	COLAP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU
840522	1230	50056	0.30	0101	40.0	0.0010<	0.40	0.001<N	0.001<N	0.0005<	1.700	6.000
840618	1045	50079	0.30	0101	36.0		42.00				4.700	48.000
840709	1020	50102	0.30	0103	41.0	0.001 <	1.70	0.001<N	0.001<N	0.0005<	1.900	11.000
840815	0955	50125	0.30	0101	37.0		22.00				3.700	34.000
840917	1010	50148	0.30	0101	41.0	0.0011	5.20			0.0005<	2.300	20.000
841022	1015	50171	0.30	0101	41.0		1.30				2.300	9.000
		MAXIMUM	0.30		41.0	0.0011	42.00	0.001	0.001		4.700	48.000
		ARITH MEAN	0.30		39.3	0.0011	12.10	0.001<A	0.001<A		2.767	21.333
		GEOM MEAN			39.3		4.02	0.001<A	0.001<A		2.583	16.390
		MINIMUM	0.30		36.0	0.0011	0.40	0.001	0.001		1.700	6.000
		STD DEV (GEOM #)			2.3		16.74	0.000<A	0.000<A		1.178	16.537
		# SAMP IN STATISTICS	6		6	1	6	2	2		6	6
		% SAMP (EXCLUDED)				66						

#=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.
840522	1230	50056	99.0	0.0020<	0.0020<	0.0020	11.4		10<	0.0610	7.2	
840618	1045	50079	174.0			0.0020	10.0		10<	0.2600	6.5	
840709	1020	50102	102.0	0.0020<	0.0020	0.0010	9.8		10<	0.0820	7.6	
840815	0955	50125	138.0			0.0020	6.5			0.1700	6.9	6
840917	1010	50148	109.0	0.0020<	0.0020<	0.0041	10.6		100	0.2000	7.8	
841022	1015	50171	104.0				11.4	30AID			6.9	
		MAXIMUM	174.0		0.0020	0.0041	11.4	30	100	0.2600	7.8	
		ARITH MEAN	121.0		0.0020	0.0022	9.9	30	100	0.1546	7.1	
		GEOM MEAN	118.4			0.0020	9.8			0.1346	7.1	
		MINIMUM	99.0		0.0020	0.0010	6.5	30	100	0.0610	6.5	
		STD DEV (GEOM #)	29.6			0.0011	1.8			0.0828	0.5	
		# SAMP IN STATISTICS	6		1	5	6	1	1	5	6	
		% SAMP (EXCLUDED)			66				75			

(CONTD)

B.O.W./ SITE: LAKE SUPERIOR STATION ID: 01-0000-005-01
SAMPLE POINT: NEAR ABITIBI THUNDER BAY PAPER MILL SLIP
STATION TYPE: LAKE MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE SUPERIOR 001

LAT: 48 28 11.25 LONG: 089 09 31.93 U T M: 16 0340425.0 5370550.0 4 REGION: 06

*=INTERIM TEST-NAME:			FWTEMP	HARDT HARDNESS	MNUT MANGANSE	NIUT NICKEL	PBUT LEAD	PH	PPO4FR PO4	PPUT PHOSPHOR	RSP	RST
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L
840522	1230	50056	7.0	44.000	0.002	0.002<	0.003<	7.80	0.001<	0.007	1.00	55.00
840618	1045	50079	11.5	57.000	0.071			6.90	0.002	0.033	5.00	240.00
840709	1020	50102	15.0	50.000	0.005	0.002	0.003<	7.80	0.002	0.008	2.00	70.00
840815	0955	50125	19.5	50.000	0.035			6.80	0.001	0.022	3.00	160.00
840917	1010	50148	11.0	47.000	0.021	0.002<	0.003<	7.40	0.001	0.015	5.00	100.00
841022	1015	50171	8.5	44.000				7.70	0.001	0.009	2.00	80.00
		MAXIMUM	19.5	57.000	0.071	0.002		7.80	0.002	0.033	5.00	240.00
		ARITH MEAN	12.1	48.667	0.027	0.002		7.40	0.001	0.016	3.00	117.50
		GEOM MEAN	11.4	48.470	0.014			7.39		0.013	2.59	102.84
		MINIMUM	7.0	44.000	0.002	0.002		6.80	0.001	0.007	1.00	55.00
		STD DEV (GEOM *)	4.6	4.885	0.028			0.45		0.010	1.67	70.27
		# SAMP IN STATISTICS	6	6	5	1		6	5	6	6	6
		% SAMP (EXCLUDED)				66			16			

*=INTERIM TEST-NAME:			TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840522	1230	50056	10<	10<	0.60	0.0030
840618	1045	50079	1200AID	14000AID	3.60	0.0040
840709	1020	50102	430	600	1.20	0.0010
840815	0955	50125			3.70	0.0030
840917	1010	50148	1600	4800	2.30	0.0058
841022	1015	50171	400AID		2.10	
		MAXIMUM	1600	14000	3.70	0.0058
		ARITH MEAN	908	6467	2.25	0.0034
		GEOM MEAN			1.90	0.0029
		MINIMUM	400	600	0.60	0.0010
		STD DEV (GEOM *)			1.25	0.0017
		# SAMP IN STATISTICS	4	3	6	5
		% SAMP (EXCLUDED)	20	25		

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: AT ABITIBI THUNDER BAY PAPER MILL DITCH
STATION TYPE: LAKE
STATION ID: 01-0000-006-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STORET CODE: 02 001

LAT: 48 27 56.39 LONG: 089 09 47.13 U T M: 16 0340100.0 5370100.0 4 REGION: 06

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR	COLAP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU
840522	1240	50057	0.30	0101	39.0	0.0010<	9.40	0.001<W	0.001<W	0.0005<	2.300	13.000
840618	1050	50080	0.30	0101	37.0		24.00				3.300	30.000
840709	1025	50103	0.30	0103	40.0		1.60			0.0005<	1.800	13.000
840815	0950	50126	0.30	0101	32.0		70.00				7.700	
840917	1000	50149	0.30	0101	41.0		1.80			0.0005<	2.100	10.000
841022	1020	50172	0.30	0101	38.0		25.00				3.400	42.000
		MAXIMUM	0.30		41.0		70.00	0.001	0.001		7.700	42.000
		ARITH MEAN	0.30		37.8		21.97	0.001<A	0.001<A		3.433	21.600
		GEOM MEAN			37.7		10.22				3.015	18.435
		MINIMUM	0.30		32.0		1.60	0.001	0.001		1.800	10.000
		STD DEV (GEOM *)			3.2		25.69				2.189	13.867
		# SAMP IN STATISTICS	6		6		6	1	1		6	5
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			COLTR	COND25	COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
840522	1240	50057		112.0	0.0020	0.0020<	0.0020	10.5		10<	0.1000	7.1
840618	1050	50080		133.0			0.0020	13.0		10<	0.1100	6.8
840709	1025	50103		102.0	0.0020	0.0020	0.0010<	9.9		10<	0.049	7.5
840815	0950	50126	69.000	211.0			0.0020	8.4			0.2300	6.5
840917	1000	50149		104.0	0.0020<	0.0020	0.0028	10.1		10<	0.1000	8.1
841022	1020	50172		158.0				10.5	10AID			6.5
		MAXIMUM	69.000	211.0	0.0020	0.0020	0.0028	13.0	10		0.2300	8.1
		ARITH MEAN	69.000	136.7	0.0020	0.0020	0.0022	10.4	10		0.118	7.1
		GEOM MEAN		131.9				10.3			0.104	7.1
		MINIMUM	69.000	102.0	0.0020	0.0020	0.0020	8.4	10		0.049	6.5
		STD DEV (GEOM *)		42.1				1.5			0.067	0.6
		# SAMP IN STATISTICS	1	6	2	2	4	6	1		5	6
		% SAMP (EXCLUDED)			33	33	20					

(CONTD)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: AT ABITIBI THUNDER BAY PAPER MILL DITCH
STATION TYPE: LAKE

STATION ID: 01-0000-006-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 27 56.39 LONG: 089 09 47.13 U T M: 16 0340100.0 5370100.0 4 REGION: 06

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	MNUT	NIUT	PBUT	PH	PPO4FR	PPUT	RSP
					HARDNESS	MANGANSE	NICKEL	LEAD		PO4	PHOSPHOR	
SAMPLE				WATER	TOTAL	UNF.TOT.	UNF.TOT.	UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE
DATE	HOUR	SAMPLE	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	PARTIC.
YYMMDD	LMT	NUMBER	COND.	DEG.C	AS CACO3	AS MN	AS NI	AS PB	PH	AS P	AS P	MG/L
840522	1240	50057		8.0	46.000	0.021	0.002<	0.003<	7.50	0.001	0.006	1.00
840618	1050	50080		11.5	53.000	0.048			7.00	0.001	0.033	2.00
840709	1025	50103		15.0	47.000	0.005	0.002	0.003<	7.80	0.001	0.006	1.00
840815	0950	50126	6	19.5	55.000	0.100			6.30	0.003	0.052	9.00
840917	1000	50149		11.0	47.000	0.019	0.002<	0.003<	7.70	0.001<	0.007	1.00
841022	1020	50172		10.0	48.000				7.10	0.002	0.029	6.00
		MAXIMUM		19.5	55.000	0.100	0.002		7.80	0.003	0.052	9.00
		ARITH MEAN		12.5	49.333	0.039	0.002		7.23	0.002	0.022	3.33
		GEOM MEAN		12.0	49.220	0.025			7.21		0.015	2.18
		MINIMUM		8.0	46.000	0.005	0.002		6.30	0.001	0.006	1.00
		STD DEV (GEOM *)		4.1	3.724	0.038			0.56		0.019	3.39
		# SAMP IN STATISTICS		6	6	5	1		6	5	6	6
		% SAMP (EXCLUDED)					66			16		

*=INTERIM TEST-NAME:			RST	TCMF	TCMFBK	TURB	ZNUT
				COLIFORM	COLIFORM		
				TOTAL	TOTAL MF		ZINC
SAMPLE			RESIDUE	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	TOTAL	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	MG/L	/100ML	/100ML	FTU	AS ZN
840522	1240	50057	85.00	2300	3000	1.50	0.0020
840618	1050	50080	160.00	6000AID	40000	3.20	0.0040
840709	1025	50103	65.00	600AID	1500	0.75	0.0010
840815	0950	50126	340.00			13.00	0.0080
840917	1000	50149	85.00	400AID	500AID	1.20	0.0018
841022	1020	50172	190.00	33000		6.20	
		MAXIMUM	340.00	33000	40000	13.00	0.0080
		ARITH MEAN	154.17	8460	11250	4.31	0.0034
		GEOM MEAN	130.12	2557	3080	2.65	0.0026
		MINIMUM	65.00	400	500	0.75	0.0010
		STD DEV (GEOM *)	103.32	6*	6*	4.70	0.0028
		# SAMP IN STATISTICS	6	5	4	6	5
		% SAMP (EXCLUDED)					

B.O.W./ SITE: LAKE SUPERIOR STATION ID: 01-0000-007-01
SAMPLE POINT: 3.5 MI.E.OF WELCOME ISL.LIGHTHOUSE
STATION TYPE: LAKE MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE SUPERIOR 001

LAT: 48 23 47.27 LONG: 089 05 09.06 U T M: 16 0345600.0 5362250.0 4 REGION: 06

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25	COUT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO
840522 1215	50058	0.30	0101	40.0	0.0010<	0.20	0.0010<	1.600	7.000	98.0	0.0020
840618 1025	50081	0.30	0101	40.0		0.90		2.700	22.000	104.0	
840709 1010	50104	0.30	0101	40.0		0.40	0.0050<	1.700	9.000	99.0	0.0030
840815 1005	50127	0.30	0101	39.0		0.50		2.200	6.900	102.0	
840917 1020	50150	0.30	0101	41.0	0.0010<	0.50	0.0005<	2.200	7.000	103.0	0.0020<
841022 1000	50173	0.30	0101	40.0		0.30		1.700	4.000	100.0	
	MAXIMUM	0.30		41.0		0.90		2.700	22.000	104.0	0.0030
	ARITH MEAN	0.30		40.0		0.47		2.017	9.317	101.0	0.0025
	GEOM MEAN			40.0		0.42		1.981	8.028	101.0	
	MINIMUM	0.30		39.0		0.20		1.600	4.000	98.0	0.0020
	STD DEV (GEOM *)			0.6		0.24		0.426	6.416	2.4	
	# SAMP IN STATISTICS	6		6		6		6	6	6	2
	% SAMP (EXCLUDED)										33

*=INTERIM TEST-NAME:		CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH	FWTEMP	HARDT	MNUT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN
840522 1215	50058	0.0020<	0.0030	11.7		4<	0.0240	6.9	5.5	44.000	0.001
840618 1025	50081		0.0010	10.2		4<	0.1000	7.2	12.0	51.000	0.006
840709 1010	50104	0.0020<	0.0010	10.2		4<	0.025	7.5	14.0	51.000	0.001
840815 1005	50127		0.0010	9.4			0.0230	7.8	18.0	49.000	0.002
840917 1020	50150	0.0040	0.0029	10.2		4<	0.0350	7.5	12.0	47.000	0.002
841022 1000	50173			11.2	4			7.1	8.5	42.000	
	MAXIMUM	0.0040	0.0030	11.7	4		0.1000	7.8	18.0	51.000	0.006
	ARITH MEAN	0.0040	0.0018	10.5	4		0.041	7.3	11.7	47.333	0.002
	GEOM MEAN		0.0015	10.5			0.034	7.3	10.9	47.209	0.002
	MINIMUM	0.0040	0.0010	9.4	4		0.0230	6.9	5.5	42.000	0.001
	STD DEV (GEOM *)		0.0011	0.8			0.033	0.3	4.3	3.724	0.002
	# SAMP IN STATISTICS	1	5	6	1		5	6	6	6	5
	% SAMP (EXCLUDED)	66									

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: 3.5 MI.E.OF WELCOME ISL.LIGHTHOUSE
STATION TYPE: LAKE

STATION ID: 01-0000-007-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 23 47.27 LONG: 089 05 09.06 U T M: 16 0345600.0 5362250.0 4 REGION: 06

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	TCMF	TCMFBK
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML
840522	1215	50058	0.002<	0.003<	7.80	0.001<	0.007	1.00	55.00		10<	20AID
840618	1025	50081			7.70	0.001	0.012	1.00	70.00		960	300
840709	1010	50104	0.002<	0.003	8.00	0.001	0.004	1.00	55.00	1.200	10<	10<
840815	1005	50127			7.60	0.001	0.005	1.00	60.00	1.100		
840917	1020	50150	0.002<	0.003<	7.80	0.001<	0.009	1.00	70.00	1.100	30AID	14C
841022	1000	50173			7.80	0.001	0.006	1.00	80.00	1.200	70AID	
		MAXIMUM		0.003	8.00	0.001	0.012	1.00	80.00	1.200	960	300
		ARITH MEAN		0.003	7.78	0.001	0.007	1.00	65.00	1.150	353	153
		GEOM MEAN			7.78		0.007	1.00	64.37	1.149		
		MINIMUM		0.003	7.60	0.001	0.004	1.00	55.00	1.100	30	20
		STD DEV (GEOM *)			0.13		0.003	0.00	10.00	0.058		
		# SAMP IN STATISTICS		1	6	4	6	6	6	4	3	3
		% SAMP (EXCLUDED)		66		33					40	25

*=INTERIM TEST-NAME:			TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840522	1215	50058	0.35	0.0060
840618	1025	50081	1.10	0.0010
840709	1010	50104	0.30	0.0010
840815	1005	50127	0.40	0.0010<
840917	1020	50150	0.60	0.0016
841022	1000	50173	0.70	
		MAXIMUM	1.10	0.0060
		ARITH MEAN	0.57	0.0024
		GEOM MEAN	0.52	
		MINIMUM	0.30	0.0010
		STD DEV (GEOM *)	0.30	
		# SAMP IN STATISTICS	6	4
		% SAMP (EXCLUDED)		20

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: 2.5 KILOMETERS EAST OF MCKELLAR ISLAND
STATION TYPE: LAKE
STATION ID: 01-0000-010-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STORET CODE: 02 001

LAT: 48 22 22.77 LONG: 089 09 47.57 U T M: 16 0339800.0 5359800.0 4 REGION: 06

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25	COUT
					ALK	ARSENIC	BOD 5 DAY	CADMIUM	CHLORIDE		CONDUCT.	COBALT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	TOT.DEM. MG/L AS O	UNF.TOT. MG/L AS CD	UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CO
840618	1000	50082	0.30	0101	38.0		1.20		2.800	62.000	105.0	
840709	0950	50105	0.30	0101	40.0		0.30	0.0050<	2.000	13.000	101.0	0.0020
840815	1025	50128	0.30	0101	40.0		0.70		2.800	14.000	106.0	
840917	1100	50151	0.30	0101	42.0	0.0010<	0.60	0.0005<	5.500	21.000	119.0	0.0020<
841022	0945	50174	0.30	0101	40.0		0.60		2.400	10.000	103.0	
		MAXIMUM	0.30		42.0		1.20		5.500	62.000	119.0	0.0020
		ARITH MEAN	0.30		40.0		0.68		3.100	24.000	106.8	0.0020
		GEOM MEAN			40.0		0.62		2.905	18.834	106.6	
		MINIMUM	0.30		38.0		0.30		2.000	10.000	101.0	0.0020
		STD DEV (GEOM #)			1.4		0.33		1.382	21.622	7.1	
		# SAMP IN STATISTICS	5		5		5		5	5	5	1
		% SAMP (EXCLUDED)										50

#=INTERIM TEST-NAME:			CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH	FWTEMP	HARDT	MNUT
			CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL COLIFORM	IRON			HARDNESS	MANGANSE
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	COLI MF CNT /100ML	MF CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD	WATER TEMP DEG.C	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS MN
840618	1000	50082		0.0030	10.2		8C	0.4200	6.9	12.0	48.000	0.018
840709	0950	50105	0.0020	0.0010	10.2		4<	0.0510	7.5	12.5	48.000	0.002
840815	1025	50128		0.0010	9.0			0.0720	7.7	18.0	50.000	0.007
840917	1100	50151	0.0040	0.0037	10.0		20AID	0.1300	7.5	12.0	47.000	0.010
841022	0945	50174			11.4	20AID			7.0	9.0	44.000	
		MAXIMUM	0.0040	0.0037	11.4	20	20	0.4200	7.7	18.0	50.000	0.018
		ARITH MEAN	0.0030	0.0022	10.2	20	14	0.1682	7.3	12.7	47.400	0.009
		GEOM MEAN	0.0028	0.0018	10.1			0.1190	7.3	12.4	47.359	0.007
		MINIMUM	0.0020	0.0010	9.0	20	8	0.0510	6.9	9.0	44.000	0.002
		STD DEV (GEOM #)	0.0014	0.0014	0.9			0.1711	0.3	3.3	2.191	0.007
		# SAMP IN STATISTICS	2	4	5	1	2	4	5	5	5	4
		% SAMP (EXCLUDED)					33					

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: 2.5 KILOMETERS EAST OF MCKELLAR ISLAND
STATION TYPE: LAKE

STATION ID: 01-0000-010-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 48 22 22.77 LONG: 089 09 47.57 U T M: 16 0339800.0 5359800.0 4 REGION: 06

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	TCMF	TCMFBK
			NICKEL	LEAD		PO4	PHOSPHOR			SILICATE	COLIFORM TOTAL	COLIFORM TOTAL MF
SAMPLE DATE	HOUR	SAMPLE	UNF.TOT. MG/L	UNF.TOT. MG/L		FIL.REAC MG/L	UNF.TOT. MG/L	RESIDUE PARTIC.	RESIDUE TOTAL	UNF.REAC MG/L	MF CNT	BCKGRD CNT
YYMMDD	LMT	NUMBER	AS NI	AS PB	PH	AS P	AS P	MG/L	MG/L	AS SI	/100ML	/100ML
840618	1000	50082			7.50	0.002	0.020	5.00	85.00		1500>	10000>
840709	0950	50105	0.002	0.003	7.80	0.002	0.006	1.00	35.00	1.300	1900	600AID
840815	1025	50128			7.50	0.001	0.009	1.00	70.00	1.200		
840917	1100	50151	0.002<	0.003<	7.70	0.003	0.019	1.00	75.00	1.300	1310	610
841022	0945	50174			7.70	0.002	0.014	5.00	65.00	1.200	510	
		MAXIMUM	0.002	0.003	7.80	0.003	0.020	5.00	85.00	1.300	1900	610
		ARITH MEAN	0.002	0.003	7.64	0.002	0.014	2.60	66.00	1.250	1240	605
		GEOM MEAN			7.64	0.002	0.012	1.90	63.29	1.249		
		MINIMUM	0.002	0.003	7.50	0.001	0.006	1.00	35.00	1.200	510	600
		STD DEV (GEOM *)			0.13	0.001	0.006	2.19	18.84	0.058		
		# SAMP IN STATISTICS	1	1	5	5	5	5	5	4	3	2
		% SAMP (EXCLUDED)	50	50							25	33

*=INTERIM TEST-NAME:			TURB	ZNUT
				ZINC
SAMPLE DATE	HOUR	SAMPLE	TURB'ITY	UNF.TOT. MG/L
YYMMDD	LMT	NUMBER	FTU	AS ZN
840618	1000	50082	4.50	0.0020
840709	0950	50105	0.50	0.0010<
840815	1025	50128	0.80	0.0010<
840917	1100	50151	1.30	0.0016
841022	0945	50174	3.90	
		MAXIMUM	4.50	0.0020
		ARITH MEAN	2.20	0.0018
		GEOM MEAN	1.56	
		MINIMUM	0.50	0.0016
		STD DEV (GEOM *)	1.86	
		# SAMP IN STATISTICS	5	2
		% SAMP (EXCLUDED)		50

B.O.W./ SITE: LAKE SUPERIOR STATION ID: 01-0000-011-01
SAMPLE POINT: 2 KM EAST OF NORTHERN WOOD PRESERVES
STATION TYPE: LAKE MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE SUPERIOR 001

LAT: 48 25 17.58 LONG: 089 09 52.55 U T M: 16 0339850.0 5365200.0 4 REGION: 06

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25	COUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO
840522	1305	50060	0.30	0101	38.0	0.0010<	0.80	0.0005<	2.400	18.000	99.0	0.0020
840618	1115	50083	0.30	0101	41.0		0.60		3.600	39.000	110.0	
840709	1100	50106	0.30	0101	40.0		0.50	0.0050<	2.500	20.000	103.0	0.0020<
840815	1015	50129	0.30	0101	40.0		0.50		2.400	11.000	104.0	
840917	1040	50152	0.30	0101	41.0	0.0010<	0.50	0.0005<	2.600	8.000	104.0	0.0020<
841022	1045	50175	0.30	0101	41.0		0.40		1.800	5.000	101.0	
		MAXIMUM	0.30		41.0		0.80		3.600	39.000	110.0	0.0020
		ARITH MEAN	0.30		40.2		0.55		2.550	16.833	103.5	0.0020
		GEOM MEAN			40.2		0.54		2.497	13.546	103.4	
		MINIMUM	0.30		38.0		0.40		1.800	5.000	99.0	0.0020
		STD DEV (GEOM #)			1.2		0.14		0.586	12.287	3.7	
		# SAMP IN STATISTICS	6		6		6		6	6	6	1
		% SAMP (EXCLUDED)										66

#=INTERIM TEST-NAME:			CRUT	CUUT	DO	ECHF	FCHF	FEUT	FWPH	FWTEMP	HARDT	MNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN
840522	1305	50060	0.0020<	0.0020	10.5		4<	0.1300	7.3	7.5	53.000	0.007
840618	1115	50083		0.0020	9.6		4	0.3000	7.2	12.0	51.000	0.013
840709	1100	50106	0.0020	0.0010<	8.6		16C	0.1200	7.4	15.0	48.000	0.006
840815	1015	50129		0.0020	9.3			0.0340	7.8	18.0	45.000	0.004
840917	1040	50152	0.0020<	0.0020	10.2		10AID	0.0410	7.7	12.0	52.000	0.003
841022	1045	50175			10.8	10<			7.5	9.0	43.000	
		MAXIMUM	0.0020	0.0020	10.8		16	0.3000	7.8	18.0	53.000	0.013
		ARITH MEAN	0.0020	0.0020	9.8		10	0.1250	7.5	12.2	48.667	0.007
		GEOM MEAN			9.8			0.0918	7.5	11.7	48.525	0.006
		MINIMUM	0.0020	0.0020	8.6		4	0.0340	7.2	7.5	43.000	0.003
		STD DEV (GEOM #)			0.8			0.1073	0.2	3.8	4.033	0.004
		# SAMP IN STATISTICS	1	4	6		3	5	6	6	6	5
		% SAMP (EXCLUDED)	66	20			25					

(C O N T D)

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: 2 KM EAST OF NORTHERN WOOD PRESERVES
STATION TYPE: LAKE

STATION ID: 01-0000-011-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STORET CODE: 02
001

LAT: 48 25 17.58 LONG: 089 09 52.55 U T M: 16 0339850.0 5365200.0 4 REGION: 06

#=INTERIM TEST-NAME:			NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	RSP
				NH3-N			K'DAHL N					
			NICKEL	TOTAL	NO2-N	NO3-N	TOTAL	LEAD		PO4	PHOSPHOR	
SAMPLE			UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	PARTIC.
YYMMDD	LMT	NUMBER	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P	AS P	MG/L
840522	1305	50060	0.002					0.003<	7.60	0.001	0.009	1.00
840618	1115	50083							7.70	0.002	0.016	2.00
840709	1100	50106	0.003	0.010<	0.005	0.080	0.400	0.003<	7.80	0.002	0.009	1.00
840815	1015	50129							7.60	0.001	0.007	1.00
840917	1040	50152	0.002<					0.003<	7.80	0.001<	0.007	1.00
841022	1045	50175							7.80	0.001	0.007	2.00
		MAXIMUM	0.003		0.005	0.080	0.400		7.80	0.002	0.016	2.00
		ARITH MEAN	0.002		0.005	0.080	0.400		7.72	0.001	0.009	1.33
		GEOM MEAN							7.72		0.009	1.26
		MINIMUM	0.002		0.005	0.080	0.400		7.60	0.001	0.007	1.00
		STD DEV (GEOM *)							0.10		0.003	0.52
		# SAMP IN STATISTICS	2		1	1	1		6	5	6	6
		% SAMP (EXCLUDED)	33							16		

#=INTERIM TEST-NAME:			RST	SIO3UR	TCMF	TCMFBK	TURB	ZNUT
					COLIFORM	COLIFORM		
				SILICATE	TOTAL	TOTAL MF		ZINC
SAMPLE			RESIDUE	UNF.REAC	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	TOTAL	MG/L	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	MG/L	AS SI	/100ML	/100ML	FTU	AS ZN
840522	1305	50060	55.00		50AID	50AID	1.40	0.0010
840618	1115	50083	75.00		1460	300	2.50	0.0020
840709	1100	50106	65.00	1.400	1500>	10000>	1.10	0.0020
840815	1015	50129	65.00	1.200			0.55	0.0010
840917	1040	50152	65.00	1.100	10AID	240	0.70	0.0010
841022	1045	50175	65.00	1.100	110		1.60	
		MAXIMUM	75.00	1.400	1460	300	2.50	0.0020
		ARITH MEAN	65.00	1.200	408	197	1.31	0.0014
		GEOM MEAN	64.74	1.194			1.15	0.0013
		MINIMUM	55.00	1.100	10	50	0.55	0.0010
		STD DEV (GEOM *)	6.32	0.141			0.71	0.0005
		# SAMP IN STATISTICS	6	4	4	3	6	5
		% SAMP (EXCLUDED)			20	25		

B.O.W./ SITE: WHITE RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0057-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WHITE RIVER

STORET CODE: 02
001
2190

LAT: 48 43 24.33 LONG: 085 37 41.19 U T M: 16 0600900.0 5397400.0 4 REGION: 06 DISTANCE: 77.246

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BODS	CDUT	COND25	CRUT	CUUT	DO
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O
840123	1640	50511	0.30	0101	68.0	0.0010<		0.0005	149.0	0.0020<	0.0020	13.3
840222	1700	50529	0.30	0101	65.0	0.0010<		0.0005<	165.0	0.0030	0.0030	10.9
840327	1800	50547	0.30	0101	79.0	0.0010<		0.0005<	525.0	0.0020	0.0010<	11.2
840425	1730	50565	0.30	0101	39.0	0.0010<		0.0005<	96.0	0.0020<	0.0010	10.3
840604	1635	50583	0.30	0101	51.0	0.0010<		0.0005<	122.0	0.0020<	0.0020	10.6
840626	1518	50601	0.30	0101	53.0	0.0010<		0.0005<	124.0	0.0020<	0.0010<	6.6
840730	1535	50619	0.30	0101	59.0	0.0010			131.0	0.0020<	0.0020	9.9
840828	1435	50637	0.30	0101	73.0	0.0010<			168.0	0.0020<	0.0018	8.0
840925	1515	50653	0.30	0101	81.0	0.0010			183.0	0.0020<	0.0026	10.2
841029	1545	50668	0.30	0101	70.0	0.0010	100.00		170.0	0.0020<	0.0018	10.8
841126	1620	50683	0.30	0101	57.0	0.0013	120.00		141.0	0.0040<	0.0010	12.9
841217	1640	50698	0.30	0101	55.0	0.0010<			132.0	0.0020<	0.0020	7.7
		MAXIMUM	0.30		81.0	0.0013	120.00	0.0005	525.0	0.0030	0.0030	13.3
		ARITH MEAN	0.30		62.5	0.0011	110.00	0.0005	175.5	0.0025	0.0019	10.2
		GEOM MEAN			61.3		109.54		157.8			10.0
		MINIMUM	0.30		39.0	0.0010	100.00	0.0005	96.0	0.0020	0.0010	6.6
		STD DEV (GEOM #)			12.4		14.14		112.8			2.0
		# SAMP IN STATISTICS	12		12	4	2	1	12	2	10	12
		% SAMP (EXCLUDED)				66		83		83	16	

#=INTERIN TEST-NAME:			FWPH	FWSTRC	FWTEMP	HGUT	PBUT	PH	PPO4FR	PPUT	RSF	RSP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
840123	1640	50511	7.3	4	1.0	0.050<	0.003 <	7.20	0.001	0.007	99.00	1.00
840222	1700	50529	7.2	4	1.0	0.050<	0.003 <	7.60	0.001	0.010	147.00	3.00
840327	1800	50547	7.2	4	1.0	0.050<	0.004	7.70	0.001	0.010	299.00	1.00
840425	1730	50565	7.1	3	8.5	0.050<	0.003 <	7.60	0.001	0.012	78.00	2.00
840604	1635	50583	7.3		17.5	0.050<	0.003 <	7.70	0.001	0.009	69.00	1.00
840626	1518	50601	7.3		17.5	0.050<	0.003 <	7.80	0.081	0.110	99.00	1.00
840730	1535	50619	7.8		22.0	0.050<	0.003 <	8.00	0.006	0.009	99.00	1.00
840828	1435	50637	7.8		21.5	0.050<	0.003 <	8.10	0.001	0.008	99.00	1.00
840925	1515	50653	7.7		8.5	0.050<	0.0040	8.00	0.004	0.010	99.00	1.00
841029	1545	50668	7.7		6.0	0.050<	0.030 <	7.90	0.001<	0.009	98.00	2.00
841126	1620	50683	7.3	4	0.5	0.050<	0.003 <	7.60	0.002	0.010	92	1.00
841217	1640	50698	6.9	4	0.1	0.050<	0.003 <	7.50	0.001	0.008	59.00	1.00

(C O N T D)

B.O.W./ SITE: WHITE RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0057-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WHITE RIVER

STORET CODE: 02
001
2190

LAT: 48 43 24.33 LONG: 085 37 41.19 U T M: 16 0600900.0 5397400.0 4 REGION: 06 DISTANCE: 77.246

#=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HGUT	PBUT	PH	PPO4FR	PPUT	RSF	RSP
						MERCURY	LEAD		PO4	PHOSPHOR		
SAMPLE					WATER	UNF.TOT.	UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE
DATE	HOUR	SAMPLE	PH	STREAM	TEMP	UG/L	MG/L		MG/L	MG/L	FILTERED	PARTIC.
YYMMDD	LMT	NUMBER	FIELD	COND.	DEG.C	AS HG	AS PB	PH	AS P	AS P	MG/L	MG/L
		MAXIMUM	7.8		22.0		0.0040	8.10	0.081	0.110	299.00	3.00
		ARITH MEAN	7.4		8.8		0.004	7.72	0.009	0.018	171	1.33
		GEOM MEAN	7.4		3.5			7.72		0.011	102	1.23
		MINIMUM	6.9		0.1		0.004	7.20	0.001	0.007	59.00	1.00
		STD DEV (GEOM #)	0.3		8.6			0.25		0.029	63	0.65
		# SAMP IN STATISTICS	12		12		2	12	11	12	12	12
		% SAMP (EXCLUDED)					83		8			

#=INTERIM TEST-NAME:			RST	SIO3UR	ZNUT
				SILICATE	ZINC
SAMPLE			RESIDUE	UNF.REAC	UNF.TOT.
DATE	HOUR	SAMPLE	TOTAL	MG/L	MG/L
YYMMDD	LMT	NUMBER	MG/L	AS SI	AS ZN
840123	1640	50511			0.0020
840222	1700	50529			0.0050
840327	1800	50547			0.0110
840425	1730	50565			0.0020
840604	1635	50583			0.0010
840626	1518	50601			0.0010
840730	1535	50619	100.00	1.500	0.0010
840828	1435	50637	100.00	1.700	0.0010
840925	1515	50653	100.00	1.800	0.0018
841029	1545	50668	2.00	1.800	0.0014
841126	1620	50683	1.00	1.800	0.0010
841217	1640	50698	60.00	2.000	0.0020
		MAXIMUM	100.00	2.000	0.0110
		ARITH MEAN	60.50	1.767	0.0025
		GEOM MEAN	22.21	1.760	0.0018
		MINIMUM	1.00	1.500	0.0010
		STD DEV (GEOM #)	48.26	0.163	0.0029
		# SAMP IN STATISTICS	6	6	12
		% SAMP (EXCLUDED)			

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	COLAP	COLTR	COND25	COUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO
840124	1540	50506	0.30	0101	122.0			0.0005	51.000		245.0	0.0010<
840222	1500	50524	0.30	0101	101.0	0.0010<		0.0005<	52.000		225.0	
840328	1140	50542	0.30	0101	121.0	0.0010<		0.0006	53.000		249.0	
840423	1150	71201	0.30	0103	67.0			0.0005			137.0	
840425	1245	71204	0.30	0103	65.0			0.0005<			131.0	
	1554	50560	0.30	0101	65.0	0.0010		0.0005<		102.000	130.0	
840427	1020	71207	0.30	0103	63.0			0.0010			127.0	
840429	1350	71210	0.30	0103	61.0			0.0005			127.0	
840501	1607	74439	0.30	0103	70.9			0.0002<			132.2	
	1630	71212	0.30	0103	60.0			0.0005			126.0	
840502	0945	71215	0.30	0103	59.0			0.0005			127.0	
840504	1000	71218	0.30	0103	70.0			0.0005<			136.0	
840506	1320	71221	0.30	0103	66.0			0.0005<			140.0	
840508	1230	71224	0.30	0103	62.0			0.0005<			138.0	
840510	0940	71227	0.30	0103	59.0			0.0005<			136.0	
840512	1300	71230	0.30	0103	111.0			0.0005<			135.0	
840514	1000	71233	0.30	0103	85.0			0.0005<			137.0	
840516	1000	71236	0.30	0103	67.0			0.0005<			141.0	
840520	1630	71239	0.30	0103	79.0			0.0005<			166.0	
840522	1030	71242	0.30	0103	87.0			0.0010			171.0	
840525	1245	71245	0.30	0103	78.0			0.0005<			160.0	
840527	1145	71248	0.30	0103	75.0			0.0005<			155.0	
840529	1445	71251	0.30	0103	69.0			0.0005<			156.0	
840531	1130	71254	0.30	0103	73.0			0.0005<			163.0	
840603	1500	71257	0.30	0103	83.0			0.0005<			175.0	
840604	1456	50578	0.30	0101	83.0	0.0010		0.0005		84.000	178.0	
840605	1430	71260	0.30	0103	77.0			0.0005<			171.0	
840608	1750	71263	0.30	0103	87.0			0.0005			165.0	
840611	1000	71266	0.30	0103	86.0			0.0005<			150.0	
840613	1030	71269	0.30	0103	69.0			0.0005<			144.0	
840615	0900	71272	0.30	0103	69.0						144.0	
840617	1510	71275	0.30	0103	70.0			0.0005<			140.0	
840619	0930	71278	0.30	0103	72.0			0.0005<			145.0	
840621	0915	71281	0.30	0103	75.0			0.0005<			165.0	
840624	1135	71284	0.30	0103	80.0			0.0005<			175.0	
840626	1329	50596	0.30	0101	127.0	0.0210		0.0005<		255.000	198.0	
840627	1925	71287	0.30	0103	98.0			0.0005<			189.0	
840629	1050	71290	0.30	0103	64.0			0.0005<			189.0	
840702	1830	71293	0.30	0103	88.0			0.0005<			183.0	
840715	1620	71296	0.30	0103	107.0			0.0005<			176.0	

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02 001 2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	FWSADP ALKT ALK TOTAL MG/L AS CACO3	FGPROJ ASUT ARSENIC UNF.TOT. MG/L AS AS	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	CDUT CADMIUM UNF.TOT. MG/L AS CD	COLAP COLOUR APPARENT HZU	COLTR COLOUR TRUE HZU	COND25 CONDUCT. 25C UMHO/CM AT 25 C	COUT COBALT UNF.TOT. MG/L AS CO
840726	1140	71299	0.30	0103	104.0			0.0005<			191.0	
840730	1335	50614	0.30	0101	106.0	0.0010	0.40	0.0005<		54.000	196.0	
840813	1815	71302	0.30	0103	109.0			0.0005<			209.0	
840828	1300	50632	0.30	0101	121.0	0.0010<	0.50	0.0005<	59.000		236.0	
840830	1045	71305	0.30	0103	120.0			0.0005<			236.0	
840910	1100	71308	0.30	0103	99.0			0.0005<			206.0	
840922	1110	71311	0.30	0103	103.0			0.0005<			211.0	
840925	1205	50648	0.30	0101	131.0	0.0010	0.30	0.0005<	41.000		254.0	
841002	1245	71314	0.30	0103	126.0						248.0	
841009	1655	71317	0.30	0103	115.0			0.0005<			233.0	
841018	1000	71320	0.30	0103				0.0005				
841024	1300	71323	0.30	0103	103.0			0.0005<			218.0	
841029	1405	50664	0.30	0101	120.0	0.0023	1.30	0.0005<		123.000	186.0	
841104	1630	71326	0.30	0101								
841126	1430	50679	0.30	0101	89.0	0.0010<	0.30	0.0005<	64.000		197.0	
841217	1450	50694	0.30	0101	67.0	0.0010	0.80	0.0005		94.000	168.0	
		MAXIMUM	0.30		131.0	0.0210	1.30	0.0010	64.000	255.000	254.0	
		ARITH MEAN	0.30		86.7	0.0040	0.60	0.0006	53.333	118.667	173.4	
		GEOM MEAN			84.2		0.52		52.838	105.311	169.6	
		MINIMUM	0.30		59.0	0.0010	0.30	0.0005	41.000	54.000	126.0	
		STD DEV (GEOM *)			21.6		0.39		7.815	70.534	37.7	
		# SAMP IN STATISTICS	56		54	7	6	12	6	6	54	
		% SAMP (EXCLUDED)				36		77				

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02
STORET CODE: 02 001 2280

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	DO DISOLVED OXYGEN MG/L AS O	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG
840124	1540	50506	0.0020<	0.0030	13.0	4<	4	14.100	7.5	4	0.0	0.050 <
840222	1500	50524	0.0020<	0.0020	11.2	4<	4<	16.400	7.6	4	0.0	0.050 <
840328	1140	50542	0.0020<	0.0030	11.2	4<	4<	12.300	7.4	4	0.0	0.050 <
840423	1150	71201		0.0100				232.000				
840425	1245	71204		0.0060				241.000				
	1554	50560	0.0120	0.0070	11.6	8	4<	241.000	7.5	3	4.0	0.050 <
840427	1020	71207		0.0060				244.000				0.050 <
840429	1350	71210		0.0080				280.000				
840501	1607	74439		0.0060				230.000				0.010 <
	1630	71212		0.0040				230.000				
840502	0945	71215		0.0050				197.000				0.050 <
840504	1000	71218		0.0060				178.000				
840506	1320	71221		0.0080				201.000				0.050 <
840508	1230	71224		0.0060				205.000				
840510	0940	71227		0.0060				212.000				0.050 <
840512	1300	71230		0.0070				191.000				
840514	1000	71233		0.0020				167.000				0.050 <
840516	1000	71236		0.0050				136.000				
840520	1630	71239		0.0040				93.300				
840522	1030	71242		0.0170				104.000				
840525	1245	71245		0.0090				163.000				0.050 <
840527	1145	71248		0.0060				152.000				
840529	1445	71251		0.0040				131.000				0.050 <
840531	1130	71254		0.0060				108.000				
840603	1500	71257		0.0050				117.000				0.050 <
840604	1456	50578	0.0040	0.0060	7.4	48	16	117.000	7.5	3	13.5	0.050 <
840605	1430	71260		0.0040				113.000				
840608	1750	71263		0.0190				168.000				0.050
840611	1000	71266		0.0470				312.000				
840613	1030	71269		0.0060				278.000				0.050 <
840615	0900	71272						233.000				
840617	1510	71275		0.0070				183.000				0.050 <
840619	0930	71278		0.0060				149.000				
840621	0915	71281		0.0040				122.000				0.050 <
840624	1135	71284		0.0030				83.000				
840626	1329	50596	0.2200	0.1500	7.2	100<	1500	134.000	7.6	3	17.0	0.130
840627	1925	71287		0.0150				85.000				
840629	1050	71290		0.0100				81.200				0.050 <
840702	1830	71293		0.0050				74.700				
840715	1620	71296		0.0080				104.000				0.050 <

(CONTD)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02 001 2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

**INTERIM TEST-NAME:			CRUT	CUUT	DO	FCMF	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP	HGUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	STREAM FLOW M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG
840726	1140	71299		0.0040				57.400				
840730	1335	50614	0.0050	0.0040	8.3	10<	160	45.900	7.9		19.5	0.050 <
840813	1815	71302		0.0030				51.600				0.0500<
840828	1300	50632	0.0020	0.0026	8.4	10<		20.800	7.8		18.0	0.050 <
840830	1045	71305		0.0044				19.400				
840910	1100	71308		0.0012				14.600				0.0500
840922	1110	71311		0.0026				12.700				0.0500<
840925	1205	50648	0.0060	0.0018	11.9	10AID		13.300	7.6		10.0	0.0500<
841002	1245	71314		0.0028				19.400				
841009	1655	71317		0.0021				18.200				0.0500<
841018	1000	71320		0.0022				16.000				
841024	1300	71323		0.0011				24.900				0.0500<
841029	1405	50664	0.0170	0.0082	12.1	70AID	250	68.600	7.6		5.5	0.050 <
841104	1630	71326		0.0040				47.300				
841126	1430	50679	0.0035	0.0030	12.7	10<	10AID	36.500	7.7	4	0.5	0.05 <
841217	1450	50694	0.0120	0.0090	12.0	10AID	270	110.000	7.1	4	0.5	0.050 <
		MAXIMUM	0.2200	0.1500	13.0	70	1500	312.000	7.9		19.5	0.130
		ARITH MEAN	0.0313	0.0090	10.6	29	316	123.386	7.6		7.4	0.077
		GEOM MEAN		0.0053	10.4			85.566	7.6			
		MINIMUM	0.0020	0.0011	7.2	8	4	12.300	7.1		0.0	0.050
		STD DEV (GEOM *)		0.0205	2.1			84.729	0.2			
		# SAMP IN STATISTICS	9	55	12	5	7	56	12		12	3
		% SAMP (EXCLUDED)	25			58	30					90

(CONTD)

B.O.N./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 46 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

#=INTERIM TEST-NAME:			NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	PSAMF	P1ALDR
			NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR	PSEUDOMN AERUG.	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	MF CNT /100ML	ALDRIN NG/L
840124	1540	50506		0.003	0.100	0.370	0.023	7.50	0.003	0.010		
840222	1500	50524		0.005	0.310	0.660	0.003 <	7.80	0.002	0.020		
840328	1140	50542		0.003	0.170	0.380	0.008	7.80	0.004	0.025		
840421	1150	71201					0.010	8.10		0.350		
840425	1245	71204					0.006	8.10		0.310		
	1554	50560		0.008	0.110	0.680	0.003 <	8.10	0.023	0.230		
840427	1020	71207					0.011	8.20		0.260		
840429	1350	71210					0.006	8.20		0.330		
840501	1607	74439	0.085	0.014	0.071		0.003 <	7.99	0.008	0.170		
	1630	71212			0.090		0.008	8.10	0.020	0.210		
840502	0945	71215			0.090		0.005	8.10	0.016	0.170		
840504	1000	71218			0.110		0.007	8.10	0.019	0.150		
840506	1320	71221			0.110		0.010	8.10	0.025	0.180		
840508	1230	71224			0.092		0.003	8.10	0.022	0.080		
840510	0940	71227			0.086		0.003 <	8.10	0.033	0.150		
840512	1300	71230			0.070		0.003 <	8.00	0.019	0.180		
840514	1000	71233			0.070		0.006	8.10	0.019	0.180		
840516	1000	71236			0.050		0.003 <	8.00	0.011	0.130		
840520	1630	71239			0.050		0.004	8.00	0.012	0.160		
840522	1030	71242			0.100		0.010	8.00	0.028	0.440		
840525	1245	71245			0.070		0.005	8.00	0.018	0.330		
840527	1145	71248			0.050		0.003 <	8.00	0.013	0.210		
840529	1445	71251			0.030		0.004	8.00	0.013	0.070		
840531	1130	71254			0.020		0.003 <	8.00	0.012	0.130		
840603	1500	71257			0.070		0.003	7.90	0.035	0.390		
840604	1456	50578		0.011	0.070	0.600	0.003 <	8.00	0.024	0.220	4	
840605	1430	71260			0.040		0.003 <	8.00	0.017	0.150		
840608	1750	71263			0.070		0.008	8.00	0.100	1.100		
840611	1000	71266			0.040		0.013	8.10	0.210	1.200		
840613	1030	71269			0.040		0.009	8.00	0.034	0.360		
840615	0900	71272			0.030			8.00	0.025	0.220		
840617	1510	71275			0.030		0.006	8.00	0.019	0.170		
840619	0930	71278			0.030		0.007	8.00	0.014	0.160		
840621	0915	71281			0.020		0.380	7.90	0.011	0.110		
840624	1135	71284			0.010		0.006	7.90	0.008	0.074		
840626	1329	50596		0.034	0.020	5.800	0.030	7.80	0.082	4.300		1<N
840627	1925	71287			0.030		0.007	7.90	0.050	0.380		
840629	1050	71290			0.030		0.005	7.90	0.035	0.200		
840702	1830	71293			0.020		0.006	8.00	0.021	0.080		
840715	1620	71296			0.010		0.003 <	8.10	0.019	0.074		

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:			NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	PSAMF	P1ALDR
			NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR	PSEUDOMN AERUG.	
SAMPLE			FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		FIL.REAC	UNF.TOT.	MF	
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	CNT	ALDRIN
YYMMDD	LMT	NUMBER	AS N	AS N	AS N	AS N	AS PB	PH	AS P	AS P	/100ML	NG/L
840726	1140	71299			0.020		0.003 <	8.00	0.012	0.055		
840730	1335	50614		0.007	0.010	0.420	0.003 <	8.10	0.011	0.046		
840813	1815	71302			0.020		0.0030<	7.80	0.010	0.048		
840828	1300	50632		0.003	0.010	0.340	0.003 <		0.004	0.024		1<W
840830	1045	71305			0.010<		0.0030<	8.10	0.003	0.020		
840910	1100	71308			0.010		0.0035	8.20	0.002	0.014		
840922	1110	71311			0.010<		0.0030	8.30	0.002	0.016		
840925	1205	50648		0.002	0.020	0.260	0.0035	8.20	0.003	0.022		1<W
841002	1245	71314			0.020		0.0050	8.10	0.004	0.024		
841009	1655	71317			0.010		0.0065	8.10	0.003	0.023		
841018	1000	71320			0.020		0.0030<		0.002	0.019		
841024	1300	71323			0.120		0.0240	8.00	0.004	0.024		
841029	1405	50664		0.009	0.250	0.700	0.030 <	7.90	0.016	0.180		1<W
841104	1630	71326			0.130		0.003 <		0.004	0.042		
841126	1430	50679		0.003	0.110	0.340	0.011		0.003	0.023		1<W
841217	1450	50694		0.140	0.440	0.640	0.003 <		0.026	0.170		
		MAXIMUM	0.085	0.140	0.440	5.800	0.380	8.30	0.210	4.300	4	1
		ARITH MEAN	0.085	0.019	0.072	0.932	0.019	8.02	0.022	0.257	4	1<A
		GEOM MEAN		0.008		0.573		8.01	0.012	0.112		1<A
		MINIMUM	0.085	0.002	0.010	0.260	0.003	7.50	0.002	0.010	4	1
		STD DEV (GEOM *)		0.037		1.541		0.13	0.032	0.592		0<A
		# SAMP IN STATISTICS	1	13	50	12	35	51	52	56	1	5
		% SAMP (EXCLUDED)			3		36					

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 0288003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:		P1BHCA	P1BHCB	P1BHCG	P1CHLA	P1CHLG	P1DIEL	P1DMDT	P1ENDR	P1ENDS	P1END1
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	BHC ALPHA NG/L	BHC BETA NG/L	BHC GAMMA NG/L	CHLRDANE ALPHA NG/L	CHLRDANE GAMMA NG/L	DIELDRIN NG/L	DMDT MTHXYLLR NG/L	ENDRIN NG/L	ENDOSULP SULPHATE NG/L	ENDOSULP I NG/L
840626	1329 / 50596	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W
840828	1300 / 50632	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W
840925	1205 / 50648	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W
841029	1405 / 50664	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W
841126	1430 / 50679	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W
	MAXIMUM	1	1	1	2	2	2	5	4	4	2
	ARITH MEAN	1<A	1<A	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A
	GEOM MEAN	1<A	1<A	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A
	MINIMUM	1	1	1	2	2	2	5	4	4	2
	STD DEV (GEOM *)	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
	# SAMP IN STATISTICS	5	5	5	5	5	5	5	5	5	5
	% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:		P1END2	P1HEPE	P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD	P1PPDE	P1PPDT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	ENDOSULP II NG/L	HEPTA CHLOR EPOXIDE NG/L	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L
840124	1540 / 50506							20<W			
840222	1500 / 50524							20<W			
840328	1140 / 50542							20<W			
840425	1554 / 50560							20<W			
840604	1456 / 50578							20<W			
840626	1329 / 50596	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W
840730	1335 / 50614							20<W			
840828	1300 / 50632	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W
840925	1205 / 50648	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W
841029	1405 / 50664	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W
841126	1430 / 50679	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W
841217	1450 / 50694							20<W			
	MAXIMUM	4	1	1	5	2	5	20	5	1	5
	ARITH MEAN	4<A	1<A	1<A	5<A	2<A	5<A	20<A	5<A	1<A	5<A
	GEOM MEAN	4<A	1<A	1<A	5<A	2<A	5<A	20<A	5<A	1<A	5<A
	MINIMUM	4	1	1	5	2	5	20	5	1	5
	STD DEV (GEOM *)	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
	# SAMP IN STATISTICS	5	5	5	5	5	5	12	5	5	5
	% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	X1HCBD HXCHLORO BUTADINE NG/L	X2HCB HCB NG/L	X2HCE HCE NG/L	X2OCST OCTCHLOR STYRENE NG/L
840124	1540	50506	167.00	3.0		10AID	160	3.30				
840222	1500	50524	155.00	5.0		20AID	360	4.80				
840328	1140	50542	182.00	8.0		10AID	50AID	6.60				
840423	1150	71201		560.0								
840425	1245	71204		460.0								
	1554	50560	160.00	410.0		30AID	200	105.00				
840427	1020	71207		460.0								
840429	1350	71210		570.0								
840501	1607	74439		380.2								
	1630	71212		370.0								
840502	0945	71215		290.0								
840504	1000	71218		270.0								
840506	1320	71221		350.0								
840508	1230	71224		320.0								
840510	0940	71227		370.0								
840512	1300	71230		290.0								
840514	1000	71233		260.0								
840516	1000	71236		180.0								
840520	1630	71239		150.0								
840522	1030	71242		770.0								
840525	1245	71245		510.0								
840527	1145	71248		240.0								
840529	1445	71251		160.0								
840531	1130	71254		200.0								
840603	1500	71257		610.0								
840604	1456	50578	200.00	410.0		70	6000AID	170.00				
840605	1430	71260		190.0								
840608	1750	71263		2020.0								
840611	1000	71266		2120.0								
840613	1030	71269		610.0								
840615	0900	71272		380.0								
840617	1510	71275		260.0								
840619	0930	71278		220.0								
840621	0915	71281		150.0								
840624	1135	71284		110.0								
840626	1329	50596	250.00	8680.0				2600.00	1<W	1<W	1<W	1<W
840627	1925	71287		550.0								
840629	1050	71290		330.0								
840702	1830	71293		70.0								
840715	1620	71296		110.0								

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 4? 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:		RSF	RSP	RST	TCMF	TCMFBK	TURB	X1HCBD	X2HCB	X2HCE	X2OCST
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	HXCHLORO BUTADINE NG/L	HCB NG/L	HCE NG/L	OCTCHLOR STYRENE NG/L
840726	1140	71299		70.0								
840730	1335	50614	165.00	45.0	210.00	100<	2300	36.00				
840813	1815	71302		45.0								
840828	1300	50632	160.00	10.0	170.00	200AID	20000	15.00	1<W	1<W	1<W	1<W
840830	1045	71305		15.0								
840910	1100	71308		25.0								
840922	1110	71311		9.0								
840925	1205	50648	160.00	10.0	170.00	150C		9.00	1<W	1<W	1<W	1<W
841002	1245	71314		20.0								
841009	1655	71317		3.0								
841018	1000	71320		10.0								
841024	1300	71323		15.0								
841029	1405	50664	180.00	260.0	440.00			130.00	1<W	1<W	1<W	1<W
841104	1630	71326		45.0								
841126	1430	50679	140.00	20.0	160.00			11.00	1<W	1<W	1<W	1<W
841217	1450	50694	230.00	260.0	490.00			140.00				
	MAXIMUM		250.00	8680.0	490.00	200	20000	2600.00	1	1	1	1
	ARITH MEAN		179.08	451.2	273.33	70	4153	269.22	1<A	1<A	1<A	1<A
	GEOM MEAN		176.64	134.0	243.68		769	35.99	1<A	1<A	1<A	1<A
	MINIMUM		140.00	3.0	160.00	10	50	3.30	1	1	1	1
	STD DEV (GEOM *)		32.49	1187.4	150.29		9*	736.60	0<A	0<A	0<A	0<A
	# SAMP IN STATISTICS		12	56	6	7	7	12	5	5	5	5
	% SAMP (EXCLUDED)					12						

(C O N T D)

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 25.57 LONG: 086 17 01.32 U T M: 16 0552700.0 5394925.0 4 REGION: 06 DISTANCE: 14.806

*=INTERIM TEST-NAME:		X2PNCB PENTA CHLORO BENZENE	X2T236 2,3,6 TRCHLORO TOLUENE	X2T245 2,4,5 TRCHLORO TOLUENE	X2T26A 2,6,A TRCHLORO TOLUENE	X2123 1,2,3 TRCHLORO BENZENE	X21234 1,2,3,4 TECHLORO BENZENE	X21235 1,2,3,5 TECHLORO BENZENE	X2124 1,2,4 TRCHLORO BENZENE	X21245 1,2,4,5 TECHLORO BENZENE	X2135 1,3,5 TRCHLORO BENZENE
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L
840626	1329 50596	1<W	5<W	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W
840828	1300 50632	1<W	5<W	6<T	5<W	5<W	1<W	1<W	5<W	1<W	5<W
840925	1205 50648	1<W	5<W	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W
841029	1405 50664	1<W	5<W	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W
841126	1430 50679	1<W	5<W	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W
MAXIMUM		1	5	6	5	5	1	1	5	1	5
ARITH MEAN		1<A	5<A	5<A	5<A	5<A	1<A	1<A	5<A	1<A	5<A
GEOM MEAN		1<A	5<A	5<A	5<A	5<A	1<A	1<A	5<A	1<A	5<A
MINIMUM		1	5	5	5	5	1	1	5	1	5
STD DEV (GEOM *)		0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS		5	5	5	5	5	5	5	5	5	5
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	
840124	1540 50506	0.0040
840222	1500 50524	0.0030
840328	1140 50542	0.0060
840425	1554 50560	0.0180
840604	1456 50578	0.0070
840626	1329 50596	0.2300
840730	1335 50614	0.0040
840828	1300 50632	0.0020
840925	1205 50648	0.0030
841002	1245 71314	0.0038
841029	1405 50664	0.0160
841126	1430 50679	0.0100
841217	1450 50694	0.0170
MAXIMUM		0.2300
ARITH MEAN		0.0249
GEOM MEAN		0.0080
MINIMUM		0.0020
STD DEV (GEOM *)		0.0619
# SAMP IN STATISTICS		13
% SAMP (EXCLUDED)		

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 0288002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

#=INTERIM TEST-NAME: FWSADP FGPROJ ALKT ASUT BOD5 CDUT COLAP COLTR COND25 CRUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR
840124	1210	50507	0.30	0101	112.0	0.0010<		0.0005<	66.000		261.0	0.0020<
840222	1615	50525	0.30	0101	94.0	0.0010<		0.0005<	59.000		229.0	0.0030
840328	1125	50543	0.30	0101	110.0	0.0010<		0.0005<	58.000		246.0	0.0020<
840423	1230	71202	0.30	0103	54.0			0.0005<			135.0	
840425	1315	71205	0.30	0103	50.0			0.0005<			138.0	
	1655	50561	0.30	0101	55.0	0.0010<		0.0005<	88.000		136.0	0.0020
840427	1050	71208	0.30	0103	49.0			0.0005			139.0	
840429	1420	71211	0.30	0103	51.0			0.0005			136.0	
840501	1610	71213	0.30	0103	51.0			0.0010			136.0	
840502	1000	74442	0.30	0103	55.4			0.0002<			141.8	
	1015	71216	0.30	0103	50.0			0.0005			136.0	
840504	1030	71219	0.30	0103	67.0			0.0005<			140.0	
840506	1350	71222	0.30	0103	54.0			0.0005<			141.0	
840508	1300	71225	0.30	0103	47.0			0.0005<			143.0	
840510	1010	71228	0.30	0103	49.0			0.0005			144.0	
840512	1330	71231	0.30	0103	55.0			0.0005<			144.0	
840514	1030	71234	0.30	0103	56.0			0.0005<			147.0	
840516	1030	71237	0.30	0103	62.0			0.0005<			157.0	
840520	1700	71240	0.30	0103	63.0			0.0005<			169.0	
840522	1100	71243	0.30	0103	87.0			0.0005<			169.0	
840525	1315	71246	0.30	0103	66.0			0.0005<			156.0	
840527	1215	71249	0.30	0103	61.0			0.0005<			155.0	
840529	1515	71252	0.30	0103	60.0			0.0005<			159.0	
840531	1200	71255	0.30	0103	63.0			0.0005<			164.0	
840603	1530	71258	0.30	0103	59.0			0.0005<			159.0	
840604	1515	50579	0.30	0101	62.0	0.0010<		0.0005		82.000	168.0	0.0020<
840605	1500	71261	0.30	0103	67.0			0.0005			169.0	
840608	1820	71264	0.30	0103	58.0			0.0005<			142.0	
840611	1030	71267	0.30	0103	54.0			0.0005<			135.0	
840613	1000	71270	0.30	0103	54.0			0.0005<			137.0	
840615	0930	71273	0.30	0103	54.0						140.0	
840617	1535	71276	0.30	0103	55.0			0.0005<			134.0	
840619	1000	71279	0.30	0103	57.0			0.0005<			142.0	
840621	0940	71282	0.30	0103	63.0			0.0005<			164.0	
840624	1200	71285	0.30	0103	68.0			0.0005<			172.0	
840626	1348	50597	0.30	0101	73.0	0.0010<		0.0005<		79.000	196.0	0.0030
840627	1950	71288	0.30	0103	78.0			0.0005			183.0	
840629	1120	71291	0.30	0103	73.0			0.0005			180.0	
840702	1930	71294	0.30	0103	74.0			0.0005<			178.0	
840715	1700	71297	0.30	0103	68.0			0.0005<			173.0	

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	COLAP	COLTR	COND25	CRUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR
840726	1210	71300	0.30	0103	81.0			0.0005<			195.0	
840730	1410	50615	0.30	0101	85.0	0.0010<	0.20	0.0005<	74.000		197.0	0.0020<
840813	1730	71303	0.30	0103	95.0			0.0005<			221.0	
840828	1320	50633	0.30	0101	112.0	0.0010<	0.70	0.0005<	66.000		241.0	0.0020<
840830	1115	71306	0.30	0103	114.0			0.0005<			242.0	
840910	1145	71309	0.30	0103	129.0			0.0005<			267.0	
840922	1140	71312	0.30	0103	134.0			0.0005<			273.0	
840925	1235	50649	0.30	0101	134.0	0.0010<	0.30	0.0005<	40.000		273.0	0.0035
841002	1215	71315	0.30	0103	124.0						257.0	
841009	1735	71318	0.30	0103	116.0			0.0005<			245.0	
841018	1030	71321	0.30	0103				0.0005<				
841024	1330	71324	0.30	0103	90.0			0.0005<			209.0	
841029	1420	50665	0.30	0101	68.0	0.0010	1.50	0.0005<		137.000	158.0	0.0045
841104	1710	71327	0.30	0101								
841126	1450	50680	0.30	0101	73.0	0.0010<	0.60	0.0005<	69.000		191.0	0.0020
841217	1505	50695	0.30	0101	50.0	0.0020	1.20	0.0005<		93.000	143.0	0.0040
		MAXIMUM	0.30		134.0	0.0020	1.50	0.0010	88.000	137.000	273.0	0.0045
		ARITH MEAN	0.30		73.0	0.0015	0.75	0.0006	65.000	97.750	176.0	0.0031
		GEOM MEAN			69.6		0.60		63.606	95.315	171.5	
		MINIMUM	0.30		47.0	0.0010	0.20	0.0005	40.000	79.000	134.0	0.0020
		STD DEV (GEOM *)			24.7		0.51		13.825	26.850	42.9	
		# SAMP IN STATISTICS	56		54	2	6	9	8	4	54	7
		% SAMP (EXCLUDED)				83		83				41

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CUUT COPPER UNF.TOT. MG/L AS CU	DO DISOLVED OXYGEN MG/L AS O	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
840124	1210	50507	0.0030	13.2	4	4<	7.051	7.5	4	1.0	0.050<	
840222	1615	50525	0.0040	11.6	4	8	7.176	7.6	4	1.0	0.050<	
840328	1125	50543	0.0020	11.9	4<	4<	6.170	7.2	4	1.0	0.050<	
840423	1230	71202	0.0130				123.170				0.050<	
840425	1315	71205	0.0050				118.650					
	1655	50561	0.0050	11.6	4<	4<	118.650	7.1	3	6.0	0.050<	
840427	1050	71208	0.0040				111.305				0.050<	
840429	1420	71211	0.0050				131.080					
840501	1610	71213	0.0050				129.950					
840502	1000	74442	0.0030				120.910				0.010<	0.240
	1015	71216	0.0040				120.910				0.050<	
840504	1030	71219	0.0050				110.853					
840506	1350	71222	0.0040				108.028				0.050<	
840508	1300	71225	0.0040				101.587					
840510	1010	71228	0.0040				99.214				0.050<	
840512	1330	71231	0.0050				90.965					
840514	1030	71234	0.0020				85.202				0.050<	
840516	1030	71237	0.0050				72.546					
840520	1700	71240	0.0030				52.206				0.050<	
840522	1100	71243	0.0290				59.777					
840525	1315	71246	0.0040				71.755				0.050<	
840527	1215	71249	0.0030				67.800					
840529	1515	71252	0.0030				58.647				0.050<	
840531	1200	71255	0.0030				50.172					
840603	1530	71258	0.0030				63.506				0.050<	
840604	1515	50579	0.0040	11.6	8	20	60.568	7.4	3	14.0	0.050<	
840605	1500	71261	0.0030				56.500					
840608	1820	71264	0.0130				78.196				0.050<	
840611	1030	71267	0.0100				155.940					
840613	1000	71270	0.0050				172.890				0.050<	
840615	0930	71273					162.720					
840617	1535	71276	0.0040				128.820				0.050<	
840619	1000	71279	0.0040				103.847					
840621	0940	71282	0.0040				82.942				0.050<	
840624	1200	71285	0.0030				58.082					
840626	1348	50597	0.0030	7.6	4<	308	48.590	7.6		17.0	0.050<	
840627	1950	71288	0.0020				45.765					
840629	1120	71291	0.0010				49.155				0.050<	
840702	1930	71294	0.0040				40.906					
840715	1700	71297	0.0050				56.048				0.050<	

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

*=INTERIM TEST-NAME:			CUUT	DO	FCHF	FSHF	FWFLOW	FWPH	FWSTRC	FWTEMP	HGUT	NNOTFR
					FECAL	FECAL						
			COPPER	DISOLVED	COLIFORM	STREPCUS	STREAM				MERCURY	NO2+NO3N
SAMPLE			UNF.TOT.	OXYGEN	MF	MF	FLOW			WATER	UNF.TOT.	FIL.REAC
DATE	HOUR	SAMPLE	MG/L	MG/L	CNT	CNT	M3	PH	STREAM	TEMP	UG/L	MG/L
YYMMDD	LMT	NUMBER	AS CU	AS O	/100ML	/100ML	/S	FIELD	COND.	DEG.C	AS HG	AS N
840726	1210	71300	0.0040				27.798					
840730	1410	50615	0.0030	8.7	30AID	240	21.922	7.9		19.5	0.050<	
840813	1730	71303	0.0030				23.165				0.050<	
840828	1320	50633	0.0031	7.3	4<		8.746	7.7		18.0	0.050<	
840830	1115	71306	0.0033				8.023					
840910	1145	71309	0.0040				6.814				0.050<	
840922	1140	71312	0.0033				5.548				0.050<	
840925	1235	50649	0.0010	9.8	8		6.531	7.8		10.0	0.050<	
841002	1215	71315	0.0020				8.871					
841009	1735	71318	0.0019				8.012				0.050<	
841018	1030	71321	0.0021				7.650					
841024	1330	71324	0.0013				16.046				0.050<	
841029	1420	50665	0.0041	11.3	52	284	53.901	7.6		6.0	0.050<	
841104	1710	71327	0.0030				36.047					
841126	1450	50680	0.002	11.6	8	24	22.148	7.5	4	0.1	0.050<	
841217	1505	50695	0.0030	8.7	36	140	59.099	6.9	4	0.1	0.050	
		MAXIMUM	0.0290	13.2	52	308	172.890	7.9		19.5	0.050	0.240
		ARITH MEAN	0.004	10.4	19	146	66.224	7.5		7.8	0.050	0.240
		GEOM MEAN	0.004	10.2			44.803	7.5		2.9		
		MINIMUM	0.0010	7.3	4	8	5.548	6.9		0.1	0.050	0.240
		STD DEV (GEOM *)	0.004	1.9			46.357	0.3		7.6		
		# SAMP IN STATISTICS	55	12	8	7	56	12		12	1	1
		% SAMP (EXCLUDED)			33	30					97	

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL UNF.REAC MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PPO4FR PO4 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L
840124	1210	50507	0.003	0.170	0.420	0.005	7.60	0.002	0.009	159.00	1.0	
840222	1615	50525	0.005	0.320	0.960	0.007	7.70	0.001	0.014	186.00	4.0	
840328	1125	50543	0.004	0.250	0.510	0.003 <	7.80	0.001	0.018	172.00	8.0	
840423	1230	71202				0.003	8.00		0.087		110.0	
840425	1515	71205				0.004	7.90		0.066		110.0	
	1655	50561	0.008	0.220	0.720	0.003 <	8.00	0.004	0.062	105.00	85.0	
840427	1050	71208				0.004	8.00		0.140		90.0	
840429	1420	71211				0.004	8.00		0.096		130.0	
840501	1610	71213		0.200		0.008	8.00	0.007	0.170		140.0	
840502	1000	74442	0.068	0.172		0.003 <	7.82	0.050	0.067		119.1	
	1015	71216		0.180		0.003 <	8.00	0.004	0.085		105.0	
840504	1030	71219		0.190		0.011	8.00	0.003	0.048		80.0	
840506	1350	71222		0.170		0.006	8.00	0.003	0.048		75.0	
840508	1300	71225		0.170		0.016	7.90	0.004	0.043		70.0	
840510	1010	71228		0.170		0.016	8.00	0.006	0.060		90.0	
840512	1330	71231		0.160		0.006	7.90	0.004	0.049		70.0	
840514	1030	71234		0.170		0.005	8.00	0.005	0.052		55.0	
840516	1030	71237		0.150		0.003 <	8.00	0.006	0.048		55.0	
840520	1700	71240		0.160		0.007	7.90	0.001	0.025		20.0	
840522	1100	71243		0.190		0.005	7.90	0.003	0.058		70.0	
840525	1315	71246		0.200		0.006	7.90	0.004	0.078		80.0	
840527	1215	71249		0.160		0.003	7.90	0.003	0.036		40.0	
840529	1515	71252		0.150		0.003 <	7.90	0.002	0.027		25.0	
840531	1200	71255		0.150		0.003 <	7.90	0.002	0.022		20 0	
840603	1530	71258		0.210		0.003 <	7.90	0.008	0.098		130.0	
840604	1515	50579	0.009	0.200	0.540	0.003 <	7.90	0.004	0.048	120.00	60.0	
840605	1500	71261		0.170		0.003 <	7.90	0.004	0.034		35.0	
840608	1820	71264		0.190		0.016	8.00	0.016	0.230		440.0	
840611	1030	71267		0.130		0.010	8.10	0.020	0.210		410.0	
840613	1000	71270		0.130		0.009	8.00	0.006	0.120		220.0	
840615	0930	71273		0.120			7.90	0.007	0.120		150.0	
840617	1535	71276		0.020		0.008	7.90	0.005	0.084		110.0	
840619	1000	71279		0.120		0.005	7.90	0.004	0.079		110.0	
840621	0940	71282		0.130		0.006	7.80	0.002	0.042		60.0	
840624	1200	71285		0.140		0.007	7.90	0.002	0.030		35.0	
840626	1348	50597	0.012	0.160	0.025	0.003 <	7.90	0.001	0.580	150.00	20.0	
840627	1950	71288		0.170		0.005	7.80	0.006	0.043		55.0	
840629	1120	71291		0.170		0.004	7.80	0.005	0.026		25.0	
840702	1930	71294		0.140		0.003 <	7.90	0.001	0.019		15.0	
840715	1700	71297		0.160		0.003 <	7.90	0.004	0.028		25.0	

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

*=INTERIM TEST-NAME:			NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	RSF	RSP	RST
			NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR			
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L
840726	1210	71300		0.180		0.003 <	7.90	0.003	0.015		8.0	
840730	1410	50615	0.010	0.170	0.430	0.003 <	8.00	0.004	0.014	144.00	6.0	150.00
840813	1730	71303		0.160		0.0030<	7.90	0.006	0.016		7.0	
840828	1320	50633	0.003	0.120	0.390	0.003 <		0.001	0.026	160.00	30.0	190.00
840830	1115	71306		0.110		0.0030	8.10	0.001	0.009		3.0	
840910	1145	71309		0.070		0.0030<	8.10	0.001	0.013		3.0	
840922	1140	71312		0.040		0.0030	8.20	0.001	0.008		3.0	
840925	1235	50649	0.002	0.030	0.260	0.0035	8.20	0.001	0.008	198.00	2.0	200.00
841002	1215	71315		0.070		0.0050	8.10	0.001	0.011		5.0	
841009	1735	71318		0.040		0.0045	8.10	0.002	0.009		10.0	
841018	1030	71321		0.030		0.0030<		0.001	0.008		2.0	
841024	1330	71324		0.280		0.0030	7.90	0.002	0.013		6.0	
841029	1420	50665	0.008	0.500	0.680	0.030 <	7.80	0.007	0.110	150.00	140.00	290.00
841104	1710	71327		0.200		0.003 <		0.001	0.015		6.0	
841126	1450	50680	0.005	0.250	0.420	0.003		0.001	0.014	92.00	8.00	100.00
841217	1505	50695	0.008	5.000	0.690	0.004		0.007	0.055	130.00	60.00	190.00
		MAXIMUM	0.068	5.000	0.960	0.016	8.20	0.050	0.580	198.00	440.0	290.00
		ARITH MEAN	0.011	0.256	0.504	0.006	7.94	0.005	0.063	147.17	68.8	186.67
		GEOM MEAN	0.007	0.152	0.401		7.94	0.003	0.038	143.88	31.4	177.63
		MINIMUM	0.002	0.020	0.025	0.003	7.60	0.001	0.008	92.00	1.0	100.00
		STD DEV (GEOM #)	0.017	0.675	0.242		0.11	0.007	0.086	31.47	85.2	62.82
		# SAMP IN STATISTICS	13	52	12	34	51	52	56	12	56	6
		% SAMP (EXCLUDED)				38						

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

STATION ID: 01-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 16.70 LONG: 086 12 46.73 U T M: 16 0557925.0 5392850.0 4 REGION: 06 DISTANCE: 12.874

#=INTERIM TEST-NAME:			TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	CNT /100ML	TURB'ITY FTU	MG/L AS ZN
840124	1210	50507	30AID	180	1.50	0.029
840222	1615	50525	30AID	310	2.10	0.028
840328	1125	50543	10<	60AID	3.10	0.034
840425	1655	50561	80AID	140	27.00	0.026
840604	1515	50579	1500>	6000AID	29.00	0.014
840626	1348	50597	80C	5000	5.90	0.013
840730	1410	50615	30AID	610	2.90	0.010
840828	1320	50633	80AID	4200	5.00	0.0064
840925	1235	50649	30AID		2.20	0.0045
841002	1215	71315				0.0037
841029	1420	50665			44.00	0.0100
841126	1450	50680			2.30	0.005
841217	1505	50695			31.00	0.0100
		MAXIMUM	80	6000	44.00	0.034
		ARITH MEAN	51	2063	13.00	0.015
		GEOM MEAN		660	6.38	0.012
		MINIMUM	30	60	1.50	0.0037
		STD DEV (GEOM *)		6*	15.18	0.011
		# SAMP IN STATISTICS	7	8	12	13
		% SAMP (EXCLUDED)	22			

B.O.N./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY NO.614 SOUTH OF AGONZON
STATION TYPE: RIVER

STATION ID: 01-0060-003-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 48 52 43.90 LONG: 085 52 48.98 U T M: 16 0582100.0 5414375.0 4 REGION: 06 DISTANCE: 84.327

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU
840123	1730	50512	0.30	0101	7.000	115.0	0.0010<	0.40	0.0005	2.100	60.000	
840222	1745	50530	0.30	0101	4.000	110.0		0.50	0.0005<	1.200	58.000	
840328	0925	50548	0.30	0101	5.000	118.0		1.10	0.0005<	1.600	61.000	
840425	1810	50566	0.30	0101	2.000	55.0		1.10	0.0005<	1.200		85.000
840604	1715	50584	0.30	0101		68.0		0.60	0.0005<	1.000	79.000	
840626	1558	50602	0.30	0101	2.000	78.0		1.10	0.0005<	1.100	99.000	
840730	1615	50620	0.30	0101	3.000	90.0	0.0010	0.60	0.0005<	1.200	75.000	
840828	1535	50638	0.30	0101	1.000	115.0		0.80	0.0005<	0.900	59.000	
840925	1600	50654	0.30	0101	3.000	112.0		0.30	0.0005<	0.300	43.000	
841030	0940	50669	0.30	0101	5.000	73.0	0.0010<	0.90	0.0005<	0.400	90.000	
841127	1025	50684	0.30	0101	4.000	69.0	0.0010<	0.30	0.0005<	0.300	49.000	
841218	1020	50699	0 30	0101		72.0	0.0010<	0.80	0.0005	0.300	61.000	
		MAXIMUM	0.30		7.000	118.0	0.0010	1.10	0.0005	2.100	99.000	85.000
		ARITH MEAN	0.30		3.600	89.6	0.0010	0.71	0.0005	0.967	66.727	85.000
		GEOM MEAN			3.165	86.8		0.64		0.793	64.827	
		MINIMUM	0.30		1.000	55.0	0.0010	0.30	0.0005	0.300	43.000	85.000
		STD DEV (GEOM *)			1.776	23.0		0.30		0.566	17.106	
		# SAMP IN STATISTICS	12		10	12	1	12	2	12	11	1
		% SAMP (EXCLUDED)					80		83			

*=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840123	1730	50512	254.0	0.0020<	0.0020<	0.0060	13.2	4	0.2300	7.3	4	0.5
840222	1745	50530	252.0	0.0020<	0.0020<	0.0040	11.6	4<	0.2800	7.4	4	0.5
840328	0925	50548	275.0	0.0020<	0.0020<	0.0030	11.8	4	0.2700	7.4	4	9.2
840425	1810	50566	187.0	0.0020<	0.0020<	0.0060	11.0	4<	0.6100	7.2	3	5.5
840604	1715	50584	198.0	0.0020<	0.0020<	0.0040	11.8	8	0.3100	7.4		16.5
840626	1558	50602	210.0	0.0020<	0.0020	0.0040	7.3	12	0.3600	7.5	3	17.0
840730	1615	50620	224.0	0.0020<	0.0020<	0.0040	12.0	4	0.2400	7.8		20.0
840828	1535	50638	255.0	0.0020<	0.0040	0.0053	10.4	12	0.1800	7.7		20.0
840925	1600	50654	226.0	0.0020<	0.0020<	0.0012	10.3	160	0.1600	7.6		7.0
841030	0940	50669	165.0	0.0020<	0.0020<	0.0015	11.4	16	0.2200	7.7		4.5
841127	1025	50684	157.0	0.0020	0.0095	0.0020	15.4	4	0.2800	7.4	4	0.1
841218	1020	50699	164.0	0.0020<	0.0020	0.0020	10.2	20	0.1600	7.4	4	0.1

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY NO.614 SOUTH OF AGONZON
STATION TYPE: RIVER

STATION ID: 01-0060-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 52 43.90 LONG: 085 52 48.98 U T M: 16 0582100.0 5414375.0 4 REGION: 06 DISTANCE: 84.327

#=INTERIM TEST-NAME:		COND25	COUT	CRUT	CUUT	DO	FCHF	FEUT	FWPH	FWSTRC	FWTEMP
		CONDUCT. 25C	COBALT UNF.TOT.	CHROMIUM UNF.TOT.	COPPER UNF.TOT.	DISOLVED OXYGEN	FECAL COLIFORM MF	IRON UNF.TOT.			WATER
SAMPLE DATE HOUR	SAMPLE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	MG/L	PH	STREAM	TEMP
YYMMDD LMT	NUMBER	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	AS FE	FIELD	COND.	DEG.C
MAXIMUM		275.0	0.0020	0.0095	0.0060	15.4	160	0.6100	7.8		20.0
ARITH MEAN		213.9	0.0020	0.0044	0.0036	11.4	24	0.2750	7.5		8.4
GEOM MEAN		210.4			0.0032	11.2		0.2564	7.5		3.0
MINIMUM		157.0	0.0020	0.0020	0.0012	7.3	4	0.1600	7.2		0.1
STD DEV (GEOM *)		40.3			0.0017	1.9		0.1215	0.2		8.0
# SAMP IN STATISTICS		12	1	4	12	12	10	12	12		12
% SAMP (EXCLUDED)			91	66			16				

#=INTERIM TEST-NAME:		HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
		HARDNESS TOTAL	MANGANSE UNF.TOT.	NICKEL UNF.TOT.	NH3-N TOTAL FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC	K'DAHL N TOTAL UNF.REAC	LEAD UNF.TOT.		PO4 FIL.REAC
SAMPLE DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD LMT	NUMBER	AS CACO3	AS MN	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P
840123 1730	50512	133.000	0.021	0.002<	0.060	0.003	0.140	0.460	0.009	7.40	0.001
840222 1745	50530	132.000	0.021	0.002<	0.050	0.004	0.210	0.380	0.003<	7.60	0.001
840328 0925	50548	144.000	0.022	0.003	0.020	0.006	0.290	0.430	0.003<	7.70	0.002
840425 1810	50566	90.000	0.055	0.004	0.680	0.009	0.190	1.200	0.003<	7.70	0.001
840604 1715	50584	95.000	0.023	0.003	0.280	0.009	0.210	0.690	0.003<	7.90	0.001
840626 1558	50602	113.000	0.039	0.002	0.300	0.013	0.190	0.830	0.003<	7.90	0.001<
840730 1615	50620	92.000	0.027	0.002<	0.150	0.012	0.250	0.530	0.003<	8.00	0.001
840828 1535	50638	136.000	0.024	0.002<	0.040	0.005	0.170	0.420	0.003<	8.20	0.001<
840925 1600	50654	116.000	0.011	0.002<	0.010	0.001	0.020	0.310	0.003<	8.00	0.002
841030 0940	50669	85.000	0.015	0.002<	0.010<	0.003	0.090	0.480	0.003<	7.80	0.001
841127 1025	50684	83.000	0.051	0.005	0.020	0.003	0.090	0.340	0.060	7.80	0.001
841218 1020	50699	85.000	0.011	0.002<	0.010	0.003	0.210	0.390	0.003<	7.60	0.001
MAXIMUM		144.000	0.055	0.005	0.680	0.013	0.290	1.200	0.060	8.20	0.002
ARITH MEAN		108.833	0.027	0.003	0.147	0.006	0.172	0.538	0.034	7.80	0.001
GEOM MEAN		106.638	0.024			0.005	0.146	0.497		7.80	
MINIMUM		83.000	0.011	0.002	0.010	0.001	0.020	0.310	0.009	7.40	0.001
STD DEV (GEOM *)		23.021	0.014			0.004	0.075	0.256		0.22	
# SAMP IN STATISTICS		12	12	5	11	12	12	12	2	12	10
% SAMP (EXCLUDED)				58	8				83		16

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY NO.614 SOUTH OF AGONZON
STATION TYPE: RIVER

STATION ID: 01-0060-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 52 43.90 LONG: 085 52 48.98 U T M: 16 0582100.0 5414375.0 4 REGION: 06 DISTANCE: 84.327

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840123	1730	50512	0.009	2.00	180.00	16.000	60AID	760	1.10	0.0720
840222	1745	50530	0.007	1.00	190.00	13.000	10AID	120	0.70	0.0650
840328	0925	50548	0.009	7.00	180.00	18.000	10AID	50AID	0.75	0.0760
840425	1810	50566	0.040	35.00	180.00	34.200	10AID	140	4.10	0.0740
840604	1715	50584	0.019	15.00	170.00	23.000	60AID	2500	2.60	0.0420
840626	1558	50602	0.018	17.00	180.00	22.000	400AID	5000	2.70	0.0370
840730	1615	50620	0.014	6.00	170.00	18.600	70AID	2400	1.80	0.0240
840828	1535	50638	0.007	2.00	170.00	13.500	200AID	4900	1.20	0.0130
840925	1600	50654	0.008	3.00	150.00	4.120	330		1.40	0.0010<
841030	0940	50669	0.015	8.00	130.00	3.600			2.70	0.0025
841127	1025	50684	0.013	9.00	110.00	4.220			2.70	0.0050
841218	1020	50699	0.001<	3.00	65.00	4.240			1.40	0.0020
		MAXIMUM	0.040	35.00	190.00	34.200	400	5000	4.10	0.0760
		ARITH MEAN	0.014	9.00	156.25	14.540	128	1984	1.93	0.0375
		GEOM MEAN		5.61	150.65	11.296	57	744	1.68	
		MINIMUM	0.007	1.00	65.00	3.600	10	50	0.70	0.0020
		STD DEV (GEOM *)		9.65	37.12	9.480	4*	6*	1.03	
		# SAMP IN STATISTICS	11	12	12	12	9	8	12	11
		% SAMP (EXCLUDED)	8							8

B.O.M./ SITE: BLACK RIVER
SAMPLE POINT: 1 MI.BELOW OUTLET OF MOSE L.ONT.P&P RD.
STATION TYPE: RIVER
STATION ID: 01-0060-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 49 08 08.40 LONG: 085 44 46.75 U T M: 16 0591450.0 5443075.0 4 REGION: 06 DISTANCE: 131.963

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C
840124	0845	50516	0.30	0101	13.000	96.0		0.60	0.0005<	1.700	89.000	241.0
840222	1840	50534	0.30	0101	9.000	88.0		1.50	0.0005<	2.400	81.000	242.0
840328	0830	50552	0.30	0101	13.000	115.0		1.70	0.0005<	3.200	96.000	323.0
840425	1925	50570	0.30	0101	5.000	42.0	0.0010<	1.70	0.0005<	2.300	91.000	249.0
840604	1830	50588	0.30	0101		49.0		0.80	0.0005<	2.200	88.000	244.0
840626	1609	50606	0.30	0101	3.000	55.0		1.00	0.0005<	2.200	95.000	253.0
840730	1740	50624	0.30	0101	4.000	60.0	0.0012	0.80	0.0005<	2.300	90.000	287.0
840828	1645	50642	0.30	0101	3.000	67.0	0.0010<	0.90	0.0005<	3.400	73.000	575.0
840925	1720	50658	0.30	0101	5.000	79.0	0.0010	0.60	0.0005<	4.200	51.000	765.0
841030	0835	50673	0.30	0101	8.000	67.0	0.0010<	1.30	0.0005<	3.600	66.000	715.0
841127	0910	50688	0.30	0101	6.000	76.0	0.0010<	0.70	0.0005<	1.900	67.000	214.0
841218	0905	50703	0.30	0101		66.0	0.0010<	1.10	0.0005	2.400	90.000	218.0
		MAXIMUM	0.30		13.000	115.0	0.0012	1.70	0.0005	4.200	96.000	765.0
		ARITH MEAN	0.30		6.900	71.7	0.0011	1.06	0.0005	2.650	81.417	360.5
		GEOM MEAN			6.050	69.0		0.99		2.558	80.143	321.5
		MINIMUM	0.30		3.000	42.0	0.0010	0.60	0.0005	1.700	51.000	214.0
		STD DEV (GEOM *)			3.755	20.7		0.40		0.763	14.074	202.2
		# SAMP IN STATISTICS	12		10	12	2	12	1	12	12	12
		% SAMP (EXCLUDED)					71		91			

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3
840124	0845	50516	0.0020<	0.0020<	0.0070	8.2	4<	0.6700	7.0	4	0.5	122.000
840222	1840	50534	0.0020<	0.0030	0.0070	8.1	8	0.8300	7.0	4	0.5	120.000
840328	0830	50552	0.0020<	0.0020<	0.0090	6.3	4	1.0000	6.9	4	1.0	158.000
840425	1925	50570	0.0020<	0.0020<	0.0190	10.0	4<	0.5400	6.7	3	6.0	106.000
840604	1830	50588	0.0020<	0.0020<	0.0060	10.4	4	0.3400			17.5	106.000
840626	1609	50606	0.0020	0.0020	0.0060	5.9	16	0.5400	7.3		18.5	121.000
840730	1740	50624	0.0020<	0.0020<	0.0080	7.3	540	0.3000	7.7		22.0	190.000
840828	1645	50642	0.0020<	0.0030	0.0094	7.3	104	0.3400	7.7		22.0	260.000
840925	1720	50658	0.0020<	0.0020<	0.0054	8.7	20AID	0.1600	7.5		6.5	369.000
841030	0835	50673	0.0020<	0.0030	0.0075	9.2	4	0.1600	7.4		5.0	313.000
841127	0910	50688	0.0020<	0.0170	0.0060	9.6	4<	0.5500	7.1	4	2.0	108.000
841218	0905	50703	0.0020<	0.0020<	0.0070	10.0	12	0.6100	6.6	4	0.1	104.000

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: 1 MI.BELOW OUTLET OF MOSE L.ONT.P&P RD.
STATION TYPE: RIVER

STATION ID: 01-0060-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 08 [illegible] LONG: 085 44 46.75 U T M: 16 0591450.0 5443075.0 4 REGION: 06 DISTANCE: 131.963

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
			COBALT	CHROMIUM	COPPER	DISOLVED	FECAL COLIFORM	IRON				HARDNESS
SAMPLE			UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.			WATER	TOTAL
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	CNT	MG/L	PH	STREAM	TEMP	MG/L
YYMMDD	LMT	NUMBER	AS CO	AS CR	AS CU	AS O	/100ML	AS FE	FIELD	COND.	DEG.C	AS CACO3
		MAXIMUM	0.0020	0.0170	0.0190	10.4	540	1.0000	7.7		22.0	369.000
		ARITH MEAN	0.0020	0.0056	0.0081	8.4	79	0.5033	7.2		8.5	173.083
		GEOM MEAN			0.0076	8.3		0.4368	7.2		3.3	155.607
		MINIMUM	0.0020	0.0020	0.0054	5.9	4	0.1600	6.6		0.1	104.000
		STD DEV (GEOM *)			0.0036	1.5		0.2572	0.4		8.9	91.541
		# SAMP IN STATISTICS	1	5	12	12	9	12	11		12	12
		% SAMP (EXCLUDED)	91	58			25					

#=INTERIM TEST-NAME:			MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT
			MANGANSE	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR
SAMPLE			UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		FIL.REAC	UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L
YYMMDD	LMT	NUMBER	AS MN	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P	AS P
840124	0845	50516	0.110	0.004	0.230	0.006	0.120	0.840	0.003<	7.00	0.002	0.011
840222	1840	50534	0.100	0.002<	0.330	0.006	0.300	1.200	0.009	7.20	0.001	0.015
840328	0830	50552	0.180	0.001	0.480	0.006	0.230	1.100	0.003<	7.20	0.002	0.014
840425	1925	50570	0.073	0.007	1.900	0.007	0.160	2.200	0.003<	7.30	0.001	0.019
840604	1830	50588	0.028	0.003	1.500	0.012	0.130	1.800	0.003<	7.60	0.001<	0.011
840626	1609	50606	0.045	0.004	1.800	0.013	0.110	2.300	0.003<	7.60	0.001	0.011
840730	1740	50624	0.040	0.003	2.000	0.014	0.150	2.700	0.003<	7.70	0.001	0.014
840828	1645	50642	0.047	0.002<	4.400	0.014	0.310	5.100	0.003<	8.00	0.001<	0.013
840925	1720	50658	0.051	0.002	7.200	0.009	0.450	7.500	0.003<	7.80	0.001	0.012
841030	0835	50673	0.058	0.000	7.000	0.013	0.340	7.100	0.003<	7.70	0.001<	0.010
841127	0910	50688	0.033	0.002<	0.230	0.005	0.130	0.660	0.003<	7.50	0.002	0.020
841218	0905	50703	0.047	0.002<	0.440	0.005	0.240	0.900	0.003<	7.20	0.001	0.010
		MAXIMUM	0.180	0.008	7.200	0.014	0.450	7.500	0.009	8.00	0.002	0.020
		ARITH MEAN	0.068	0.004	2.292	0.009	0.222	2.783	0.009	7.48	0.001	0.013
		GEOM MEAN	0.058		1.194	0.008	0.200	2.012		7.48		0.013
		MINIMUM	0.028	0.001	0.230	0.005	0.110	0.660	0.009	7.00	0.001	0.010
		STD DEV (GEOM *)	0.043		2.538	0.004	0.108	2.430		0.30		0.003
		# SAMP IN STATISTICS	12	8	12	12	12	12	1	12	9	12
		% SAMP (EXCLUDED)		33					91		25	

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: 1 MI.BELOW OUTLET OF MOSE L.ONT.P&P RD.
STATION TYPE: RIVER

STATION ID: 01-0060-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 49 08 08.40 LONG: 085 44 46.75 U T M: 16 0591450.0 5443075.0 4 REGION: 06 DISTANCE: 131.963

#=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RSP RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840124	0845	50516	1.00	170.00	24.000	30AID	180	1.50	0.1600
840222	1840	50534	7.00	200.00	24.000	50AID	80AID	3.00	0.1500
840328	0830	50552	20.00	230.00	40.000	10<	120	2.70	0.2200
840425	1925	50570	2.00	180.00	67.000	10AID	90AID	1.70	0.2000
840604	1830	50588	2.00	190.00	60.000	50C	300	1.40	0.1100
840626	1609	50606	2.00	190.00	62.000	80C		1.60	0.1300
840730	1740	50624	2.00	240.00	75.800	1700	5200	1.30	0.0920
840828	1645	50642	7.00	410.00	196.000	500AID	6400	2.00	0.0830
840925	1720	50658	3.00	560.00	323.000	1300		1.70	0.0960
841030	0835	50673	2.00	480.00	268.000			2.00	0.0920
841127	0910	50688	10.00	150.00	23.000			4.80	0.0920
841218	0905	50703	2.00	170.00	3.150			1.60	0.1400
		MAXIMUM	20.00	560.00	323.000	1700	6400	4.80	0.2200
		ARITH MEAN	5.00	264.17	97.162	465	2153	2.11	0.1304
		GEOM MEAN	3.33	238.73	53.379		552	1.96	0.1239
		MINIMUM	1.00	150.00	3.150	10	80	1.30	0.0830
		STD DEV (GEOM #)	5.49	138.20	105.422		8#	0.99	0.0452
		# SAMP IN STATISTICS	12	12	12	8	7	12	12
		% SAMP (EXCLUDED)				11			

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT HIGHWAY NO.614 MANITOUWADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 07 58.93 LONG: 085 47 42.18 U T M: 16 0587900.0 5442725.0 4 REGION: 06 DISTANCE: 136.951

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU
840124	0815	50514	0.30	0101	13.000	77.0	0.0010<	0.30	0.0010	3.200		129.000
840222	1905	50532	0.30	0101	5.000	70.0		0.40	0.0010	5.000	106.000	
840328	0805	50550	0.30	0101	9.000	77.0		0.90	0.0007	7.000	100.000	
840425	1940	50568	0.30	0101	6.000	39.0		1.10	0.0005<	1.900	103.000	
840604	1811	50586	0.30	0101		50.0		0.40	0.0010	4.300	96.000	
840626	1658	50604	0.30	0101	3.000	56.0		0.80	0.0010	3.000		111.000
840730	1720	50622	0.30	0101	3.000	58.0	0.0010	0.60	0.0050	3.700		100.000
840828	1705	50640	0.30	0101	2.000	68.0		0.80	0.0006	4.700		97.000
840925	1705	50656	0.30	0101	3.000	67.0		0.40	0.0005<	5.100	88.000	
841030	0830	50671	0.30	0101	5.000	69.0	0.0010<	0.90	0.0005<	5.800	98.000	
841127	0955	50686	0.30	0101	6.000	68.0	0.0010<	0.20	0.0013	4.800		101.000
841218	0845	50701	0.30	0101		63.0	0.0010<	0.80	0.0035	6.100		108.000
		MAXIMUM	0.30		13.000	77.0	0.0010	1.10	0.0050	7.000	106.000	129.000
		ARITH MEAN	0.30		5.500	63.5	0.0010	0.63	0.0017	4.550	98.500	107.667
		GEOM MEAN			4.737	62.5		0.56		4.312	98.330	107.169
		MINIMUM	0.30		2.000	39.0	0.0010	0.20	0.0006	1.900	88.000	97.000
		STD DEV (GEOM *)			3.342	11.1		0.29		1.433	6.253	11.690
		# SAMP IN STATISTICS	12		10	12	1	12	9	12	6	6
		% SAMP (EXCLUDED)					80		25			

*=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840124	0815	50514	275.0	0.0020<	0.0040	0.0160	10.0	60AID	2.4000	7.1		1.0
840222	1905	50532	278.0	0.0020<	0.0030	0.0200	9.8	10<	1.3000	7.0		1.0
840328	0805	50550	298.0	0.0020<	0.0020<	0.0200	9.6	4<	0.7800	6.9		1.0
840425	1940	50568	138.0	0.0020<	0.0020<	0.0160	10.4	16	0.7500	6.7	3	5.0
840604	1811	50586	212.0	0.0020<	0.0020<	0.0100	9.5	8	0.9500	7.2		18.0
840626	1658	50604	195.0	0.0020<	0.0020	0.0160	6.5	4<	0.7100	7.1		18.0
840730	1720	50622	202.0	0.0020<	0.0020<	0.0170	7.3	4<	0.6900	7.7		21.5
840828	1705	50640	234.0	0.0020<	0.0030	0.0180	7.4	76	0.7500	7.9		22.5
840925	1705	50656	231.0	0.0020<	0.0020<	0.0230	8.1	4	0.5900	7.6		7.5
841030	0830	50671	276.0	0.0020<	0.0020	0.0180	9.8	4	1.0000	7.3		5.5
841127	0955	50686	268.0	0.0020<	0.0190	0.0200	9.3	148	1.4000	7.0		3.0
841218	0845	50701	263.0	0.0020<	0.0020	0.0570	10.8	36	2.5000	6.7		1.0

(C O N T D)

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT HIGHWAY NO.614 MANITOUMADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 07 58.93 LONG: 085 47 42.18 U T M: 16 0587900.0 5442725.0 4 REGION: 06 DISTANCE: 136.951

#=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
			CONDUCT. 25C	COBALT	CHROMIUM	COPPER	DISOLVED OXYGEN	FECAL COLIFORM MF	IRON			
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UMHO/CM AT 25 C	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	MG/L AS O	CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
		MAXIMUM	298.0		0.0190	0.0570	10.8	148	2.5000	7		22.5
		ARITH MEAN	239.2		0.0050	0.0209	9.0	44	1.1517	7.2		8.7
		GEOM MEAN	234.5			0.0191	8.9		1.0231	7.2		4.6
		MINIMUM	138.0		0.0020	0.0100	6.5	4	0.5900	6.7		1.0
		STD DEV (GEOM *)	46.1			0.0118	1.4		0.6542	0.4		8.6
		# SAMP IN STATISTICS	12		7	12	12	8	12	12		12
		% SAMP (EXCLUDED)			41			33				

#=INTERIM TEST-NAME:			HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
			HARDNESS TOTAL	MANGANSE UNF.TOT.	NICKEL UNF.TOT.	NH3-N TOTAL FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC	K'DAHL N TOTAL UNF.REAC	LEAD UNF.TOT.		PO4 FIL.REAC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS CACO3	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH	MG/L AS P
840124	0815	50514	134.000	0.160	0.004	0.170	0.007	0.140	0.600	0.003<	6.90	0.003
840222	1905	50532	135.000	0.070	0.002	0.100	0.009	0.150	0.530	0.003<	7.20	0.002
840328	0805	50550	139.000	0.043	0.001	0.010<	0.003	0.220	0.460	0.003<	7.20	0.001
840425	1940	50568	65.000	0.062	0.002	0.050	0.004	0.140	0.500	0.003<	7.10	0.001
840604	1811	50586	96.000	0.033	0.002	0.030	0.004	0.120	0.410	0.003<	7.60	0.001<
840626	1658	50604	101.000	0.031	0.003	0.020	0.005	0.070	0.500	0.003<	7.60	0.001<
840730	1720	50622	66.000	0.041	0.002 <	0.060	0.007	0.060	0.460	0.003<	7.90	0.001
840828	1705	50640	113.000	0.041	0.002 <	0.010	0.004	0.060	0.450	0.003<	8.00	0.001<
840925	1705	50656	109.000	0.038	0.0025	0.020	0.004	0.070	0.420	0.003<	7.90	0.001
841030	0830	50671	129.000	0.042	0.0055	0.080	0.004	0.140	0.460	0.003<	7.70	0.001<
841127	0955	50686	132.000	0.067	0.006	0.090	0.005	0.180	0.490	0.003<	7.40	0.001
841218	0845	50701	120.000	0.120	0.002	0.140	0.006	0.230	0.550	0.004	7.10	0.001
		MAXIMUM	139.000	0.160	0.006	0.170	0.009	0.230	0.600	0.004	8.00	0.003
		ARITH MEAN	111.583	0.062	0.003	0.070	0.005	0.132	0.486	0.004	7.47	0.001
		GEOM MEAN	108.400	0.054			0.005	0.119	0.483		7.46	
		MINIMUM	65.000	0.031	0.001	0.010	0.003	0.060	0.410	0.004	6.90	0.001
		STD DEV (GEOM *)	25.593	0.039			0.002	0.059	0.055		0.37	
		# SAMP IN STATISTICS	12	12	10	11	12	12	12	1	12	8
		% SAMP (EXCLUDED)			16	8				91		33

(C O N T D)

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT HIGHWAY NO.614 MANITOUWADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 07 58.93 LONG: 085 47 42.18 U T M: 16 0587900.0 5442725.0 4 REGION: 06 DISTANCE: 136.951

*=INTERIM TEST-NAME:			PPUT	RSP	RST	SSO4UR	TCMF	TCMFBK	TURB	ZNUT
			PHOSPHOR			SULPHATE	COLIFORM TOTAL	COLIFORM TOTAL MF		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SO4	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840124	0815	50514	0.012	1.00	200.00	56.000	100	850	2.30	0.4900
840222	1905	50532	0.007	1.00	200.00	50.000	10<	30AID	1.40	0.4700
840328	0805	50550	0.010	1.00	220.00	57.000	10<	20AID	0.85	0.4300
840425	1940	50568	0.019	3.00	100.00	25.000	40AID	180	1.60	0.3000
840604	1811	50586	0.010	2.00	180.00	43.000	80AID	340	1.70	0.2900
840626	1658	50604	0.011	1.00	140.00	33.000	80AID	1200	1.20	0.2700
840730	1720	50622	0.013	1.00	170.00	32.100			1.70	0.2600
840828	1705	50640	0.009	2.00	170.00	38.600	200AID	18100	2.50	0.2300
840925	1705	50656	0.011	1.00	150.00	37.980	200AID		2.20	0.2700
841030	0830	50671	0.007	2.00	180.00	51.000			4.60	0.2900
841127	0955	50686	0.008	1.00	160.00	50.000			2.20	0.4000
841218	0845	50701	0.012	2.00	150.00	53.000			3.20	0.8600
		MAXIMUM	0.019	3.00	220.00	57.000	200	18100	4.60	0.8600
		ARITH MEAN	0.011	1.50	168.33	43.890	113	2960	2.12	0.3800
		GEOM MEAN	0.010	1.38	165.27	42.629		353	1.93	0.3530
		MINIMUM	0.007	1.00	100.00	25.000	40	20	0.85	0.2300
		STD DEV (GEOM *)	0.003	0.67	31.86	10.466		10*	1.00	0.1751
		# SAMP IN STATISTICS	12	12	12	12	6	7	12	12
		% SAMP (EXCLUDED)					25			

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: ABOVE MOSE LAKE ON ONT.P&P ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 08 30.01 LONG: 085 44 23.99 U T M: 16 0591900.0 5443750.0 4 REGION: 06 DISTANCE: 133.250

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU
840124	0835	50515	0.30	0101	14.000	112.0		0.30	0.0005<	0.400	69.000	
840222	1850	50533	0.30	0101	9.000	96.0		0.50	0.0005<	0.400	66.000	
840328	0820	50551	0.30	0101	11.000	123.0		0.70	0.0005<	0.500	66.000	
840425	1920	50569	0.30	0101	3.000	43.0	0.0010<	1.00	0.0005<	0.200	84.000	
840604	1824	50587	0.30	0101		52.0		0.50	0.0005<	0.200	101.000	
840626	1715	50605	0.30	0101	3.000	67.0		0.70	0.0005<	0.100<	98.000	
840730	1735	50623	0.30	0101	3.000	73.0	0.0012	0.50	0.0005<	0.200	103.000	
840828	1650	50641	0.30	0101	3.000	92.0	0.0010<	0.90	0.0005<	0.200	92.000	
840925	1725	50657	0.30	0101	5.000	101.0	0.0010<	0.50	0.0005<	0.300	65.000	
841030	0845	50672	0.30	0101	5.000	63.0	0.0010<	0.80	0.0005<	0.700		112.000
841127	0920	50687	0.30	0101	6.000	80.0	0.0010<	0.50	0.0005<	0.300	64.000	
841218	0915	50702	0.30	0101		57.0	0.0010<	0.70	0.0005<	0.400	88.000	
		MAXIMUM	0.30		14.000	123.0	0.0012	1.00		0.700	103.000	112.000
		ARITH MEAN	0.30		6.200	79.9	0.0012	0.63		0.345	81.455	112.000
		GEOM MEAN			5.280	76.2		0.60			80.067	
		MINIMUM	0.30		3.000	43.0	0.0012	0.30		0.200	64.000	112.000
		STD DEV (GEOM *)			3.882	25.1		0.20			15.776	
		# SAMP IN STATISTICS	12		10	12	1	12		11	11	1
		% SAMP (EXCLUDED)					85			8		

*=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840124	0835	50515	223.0	0.0020<	0.0020<	0.0020	10.0	4	0.2600	7.1	4	1.0
840222	1850	50533	205.0	0.0020<	0.0020	0.0020	9.6	4	0.3100	7.0	4	0.5
840328	0820	50551	252.0	0.0020<	0.0020	0.0010	8.2	4<	0.3300	6.9	4	1.0
840425	1920	50569	96.0	0.0020<	0.0020<	0.0020	9.7	12	0.3800	6.9	3	7.0
840604	1824	50587	114.0	0.0020<	0.0020<	0.0010	10.7	28	0.1500	7.1		15.5
840626	1715	50605	138.0	0.0020<	0.0020<	0.0020	6.8	12	0.2000	7.3		17.0
840730	1735	50623	151.0	0.0020<	0.0020<	0.0030	9.9	36	0.3100	7.8		20.5
840828	1650	50641	189.0	0.0030	0.0020	0.0026	8.3	12	0.3800	7.8		18.0
840925	1725	50657	203.0	0.0020<	0.0020<	0.0010	8.7	16	0.3000	7.4		7.5
841030	0845	50672	139.0	0.0020<	0.0020<	0.0030	10.4	4	0.2300	7.3		4.0
841127	0920	50687	174.0	0.0020	0.0060	0.0010	12.9	4<	0.1900	7.2		0.1
841218	0915	50702	129.0	0.0020<	0.0020<	0.0010	10.4	8	0.2300	6.6		0.1

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: ABOVE MOSE LAKE ON ONT.P&P ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-006-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 49 08 30.01 LONG: 085 44 23.99 U T M: 16 0591900.0 5443750.0 4 REGION: 06 DISTANCE: 133.250

*=INTERIM TEST-NAME:		COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
		CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	FECAL COLIFORM	IRON			
SAMPLE DATE	HOUR SAMPLE	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.			WATER
YYMMDD	LMT NUMBER	UMHO/CM AT 25 C	MG/L AS CO	MG/L AS CR	MG/L AS CU	MG/L AS O	CNT /100ML	MG/L AS FE	PH FIELD	STREAM COND.	TEMP DEG.C
	MAXIMUM	252.0	0.0030	0.0060	0.0030	12.9	36	0.3800	7.8		20.5
	ARITH MEAN	167.7	0.0025	0.0030	0.0018	9.6	14	0.2725	7.2		7.7
	GEOM MEAN	161.5			0.0016	9.5		0.2626	7.2		2.6
	MINIMUM	96.0	0.0020	0.0020	0.0010	6.8	4	0.1500	6.6		0.1
STD DEV (GEOM *)		47.5			0.0008	1.5		0.0744	0.4		7.9
# SAMP IN STATISTICS		12	2	4	12	12	10	12	12		12
% SAMP (EXCLUDED)			83	66			16				

*=INTERIM TEST-NAME:		HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
		HARDNESS	MERCURY	MANGANSE	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD	
SAMPLE DATE	HOUR SAMPLE	TOTAL	UNF.TOT.	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.	
YYMMDD	LMT NUMBER	MG/L AS CACO3	UG/L AS HG	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH
840124	0835 50515	117.000		0.012	0.002<	0.110	0.005	0.110	0.570	0.005	7.00
840222	1850 50533	107.000		0.015	0.002<	0.080	0.004	0.190	0.640	0.003<	7.20
840328	0820 50551	131.000		0.013	0.002	0.120	0.004	0.190	0.590	0.003<	7.30
840425	1920 50569	51.000		0.012	0.002<	0.020	0.003	0.070	0.460	0.003<	7.40
840604	1824 50587	62.000		0.013	0.002<	0.010	0.004	0.010	0.420	0.003<	7.60
840626	1715 50605	81.000		0.023	0.002	0.010	0.004	0.010	0.450	0.003<	7.70
840730	1735 50623	90.000		0.022	0.002	0.010<	0.006	0.010	0.470	0.003<	7.90
840828	1650 50641	102.000		0.022	0.002<	0.010<	0.003	0.010<	0.500	0.003	8.00
840925	1425 50657	109.000		0.022	0.002<	0.020	0.003	0.010<	0.430	0.004	7.80
841030	0845 50672	83.000		0.015	0.004	0.010<	0.004	0.120	0.520	0.003<	7.50
841127	0920 50687	92.000	0.001<	0.014	0.003	0.030	0.003	0.090	0.410	0.003<	7.50
841218	0915 50702	67.000		0.023	0.002<	0.040	0.004	0.270	0.510	0.003<	7.10
	MAXIMUM	131.000		0.023	0.004	0.120	0.006	0.270	0.640	0.005	8.00
	ARITH MEAN	91.000		0.017	0.003	0.049	0.004	0.107	0.497	0.004	7.50
	GEOM MEAN	87.978		0.017			0.004		0.493		7.49
	MINIMUM	51.000		0.012	0.002	0.010	0.003	0.010	0.410	0.003	7.00
STD DEV (GEOM *)		23.664		0.005			0.001		0.072		0.32
# SAMP IN STATISTICS		12		12	5	9	12	10	12	3	12
% SAMP (EXCLUDED)					58	25		16		75	

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: ABOVE MOSE LAKE ON ONT.P&P ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 08 30.01 LONG: 085 44 23.99 U T M: 16 0591900.0 5443750.0 4 REGION: 06 DISTANCE: 133.250

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PPO4FR PO4 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840124	0835	50515	0.002	0.009	1.00	130.00	4.700	50AID	160	0.80	0.0010
840222	1850	50533	0.001	0.007	1.00	150.00	3.800	40AID	1810	0.70	0.0030
840328	0820	50551	0.002	0.013	2.00	170.00	3.900	10<	10AID	1.30	0.0010
840425	1920	50569	0.003	0.023	7.00	90.00	2.400	20AID	110	1.40	0.0030
840604	1824	50587	0.001	0.012	3.00	120.00	2.600	150C	4000	1.10	0.0020
840626	1715	50605	0.061	0.083	2.00	120.00	2.300			1.30	0.0010
840730	1735	50623	0.006	0.017	2.00	140.00	1.840	300AID	5100	1.80	0.0010
840828	1650	50641	0.001	0.015	2.00	140.00	2.150	500AID	7600	2.30	0.0086
840925	1725	50657	0.002	0.014	1.00	120.00	2.150	510		2.20	0.0019
841030	0845	50672	0.001<	0.010	2.00	140.00	2.600			1.70	0.0021
841127	0920	50687	0.001	0.009	1.00	95.00	2.620			0.65	0.0030
841218	0915	50702	0.001	0.012	2.00	65.00	2.690			0.81	0.0030
		MAXIMUM	0.061	0.083	7.00	170.00	4.700	510	7600	2.30	0.0086
		ARITH MEAN	0.007	0.019	2.17	123.33	2.812	224	2684	1.34	0.0025
		GEOM MEAN		0.014	1.82	119.80	2.708		651	1.23	0.0021
		MINIMUM	0.001	0.007	1.00	65.00	1.840	20	10	0.65	0.0010
		STD DEV (GEOM *)		0.021	1.64	28.79	0.859		12*	0.57	0.0021
		# SAMP IN STATISTICS	11	12	12	12	12	7	7	12	12
		% SAMP (EXCLUDED)	8					12			

B.O.W./ SITE: RUDDER CREEK
SAMPLE POINT: 3 MI.W.OF HWY.614 ON AMERICAN CAN ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-007-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 49 07 00.61 LONG: 085 54 25.67 U T M: 16 0579750.0 5440800.0 0 REGION: 06 DISTANCE: 96.742

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C
840123	1810	50517	0.30	0101	31.000	268.0	0.0010<	1.80	0.0005<	31.000	68.000	635.0
840222	1820	50535	0.30	0101	25.000	284.0		4.20		37.000	53.000	735.0
840328	0900	50553	0.30	0101	35.000	361.0		10.00		47.000	50.000	905.0
840425	1840	50571	0.30	0101	3.000	67.0	0.0010<	2.40	0.0005<	4.700	71.000	174.0
840604	1745	50589	0.30	0101		111.0		0.90		11.000	79.000	278.0
840626	1630	50607	0.30	0101	7.000	121.0		1.30		10.000	91.000	292.0
840730	1645	50625	0.30	0101	10.000	140.0	0.0013	0.40	0.0005<	14.000	93.000	320.0
840828	1610	50643	0.30	0101	9.000	172.0		1.00		16.000	78.000	396.0
840925	1635	50659	0.30	0101	8.000	174.0		0.80		18.000	65.000	403.0
841030	0905	50674	0.30	0101	8.000	154.0	0.0010<	1.10	0.0005<	28.000	52.000	459.0
841127	0945	50689	0.30	0101	12.000	178.0	0.0010<	0.50	0.0005<	31.000	38.000	535.0
841218	0940	50704	0.30	0101		175.0	0.0010<	1.70	0.0005	27.000	52.000	480.0
		MAXIMUM	0.30		35.000	361.0	0.0013	10.00	0.0005	47.000	93.000	905.0
		ARITH MEAN	0.30		14.800	183.7	0.0013	2.17	0.0005	22.892	65.833	467.7
		GEOM MEAN			11.469	167.8		1.41		19.277	63.691	426.2
		MINIMUM	0.30		3.000	67.0	0.0013	0.40	0.0005	4.700	38.000	174.0
		STD DEV (GEOM *)			11.213	82.3		2.67		12.591	17.314	208.8
		# SAMP IN STATISTICS	12		10	12	1	12	1	12	12	12
		% SAMP (EXCLUDED)					83		83			

*=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3
840123	1810	50517	0.0020<	0.0020<	0.0080	7.5	292	0.4500	7.1	4	0.5	255.000
840222	1820	50535				6.4	644		7.0	4 9	1.0	270.000
840328	0900	50553				2.3	1500		7.1	4	1.0	336.000
840425	1840	50571	0.0020<	0.0020<	0.0040	9.5	4	0.1100	7.3	3	9.5	79.000
840604	1745	50589				8.8	10<		7.4		18.5	127.000
840626	1630	50607				4.2	32		7.1		17.0	149.000
840730	1645	50625	0.0020<	0.0020	0.0040	7.0	4<	0.2600	7.4		20.0	165.000
840828	1610	50643				5.4	56		7.7		19.0	188.000
840925	1635	50659				7.6	20		6.4		6.0	190.000
841030	0905	50674	0.0020<	0.0020<	0.0040	9.7	8	0.0710	7.5		4.0	186.000
841127	0945	50689	0.002	0.0035	0.0030	10.9	4<	0.0800	7.3		1.0	211.000
841218	0940	50704	0.0020<	0.0020<	0.0040	9.5	600>	0.1100	7.0	4	0.1	203.000

(C O N T D)

B.O.W./ SITE: RUDDER CREEK
SAMPLE POINT: 3 MI.W.OF HWY.614 ON AMERICAN CAN ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 07 00.61 LONG: 085 54 25.67 U T M: 16 0579750.0 5440800.0 0 REGION: 06 DISTANCE: 96.742

*=INTERIM TEST-NAME:		COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
		COBALT	CHROMIUM	COPPER	DISOLVED	FECAL COLIFORM	IRON				HARDNESS
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	MF CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	TOTAL MG/L AS CACO3
	MAXIMUM	0.002	0.0035	0.0080	10.9	1500	0.4500	7.7		20.0	336.000
	ARITH MEAN	0.002	0.0027	0.0045	7.4	320	0.1802	7.2		8.1	196.583
	GEOM MEAN			0.0043	6.9		0.1415	7.2		3.2	185.159
	MINIMUM	0.002	0.0020	0.0030	2.3	4	0.0710	6.4		0.1	79.000
	STD DEV (GEOM *)			0.0018	2.5		0.1490	0.3		8.2	67.855
	# SAMP IN STATISTICS	1	2	6	12	8	6	12		12	12
	% SAMP (EXCLUDED)	83	66			33					

*=INTERIM TEST-NAME:		MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT
		MANGANSE	NICKEL	NH3-N TOTAL			K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P
840123	1810 50517	0.330	0.002	6.000	0.004	0.260	6.700	0.006	7.20	2.100	2.200
840222	1820 50535			10.000	0.004	0.050	13.000		7.30	2.700	2.900
840328	0900 50553			13.000	0.004	0.010	16.000		7.30	3.100	3.600
840425	1840 50571	0.009	0.002	0.210	0.024	0.390	0.840	0.003<	7.50	0.190	0.260
840604	1745 50589			0.040	0.009	0.080	0.620		7.70	0.400	0.530
840626	1630 50607			0.090	0.024	0.220	0.800		7.50	0.630	0.680
840730	1645 50625	0.071	0.002<	0.090	0.017	0.120	1.500	0.003<	7.70	1.100	1.100
840828	1610 50643			0.060	0.010	0.070	0.630		8.00	0.930	1.000
840925	1635 50659			0.050	0.004	0.040	0.640		7.70	0.440	0.560
841030	0905 50674	0.018	0.002<	0.260	0.042	1.400	0.930	0.003<	7.80	0.340	0.410
841127	0945 50689	0.023	0.002<	1.000	0.034	1.900	1.700	0.003<	7.60	0.900	2.100
841218	0940 50704	0.027	0.003	2.300	0.016	1.100	3.000	0.003<	7.40		
	MAXIMUM	0.330	0.003	13.000	0.042	1.900	16.000	0.006	8.00	3.100	3.600
	ARITH MEAN	0.080	0.002	2.758	0.016	0.470	3.863	0.006	7.56	1.166	1.395
	GEOM MEAN	0.036		0.462	0.011	0.176	1.856		7.55	0.822	1.012
	MINIMUM	0.009	0.002	0.040	0.004	0.010	0.620	0.006	7.20	0.190	0.260
	STD DEV (GEOM *)	0.125		4.473	0.013	0.634	5.294		0.24	1.007	1.128
	# SAMP IN STATISTICS	6	3	12	12	12	12	1	12	11	11
	% SAMP (EXCLUDED)		50					83			

(C O N T D)

B.O.W./ SITE: RUDDER CREEK
SAMPLE POINT: 3 MI.W.OF HWY.614 ON AMERICAN CAN ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-007-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02 001 2280

LAT: 49 07 00.61 LONG: 085 54 25.67 U T M: 16 0579750.0 5440800.0 0 REGION: 06 DISTANCE: 96.742

*=INTERIM

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RSP TEST-NAME: RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840123	1810	50517	2.00	360.00	26.000	1090C	3000	1.40	0.0070
840222	1820	50535	2.00	440.00	30.000	1400	3500	2.40	
840328	0900	50553	1.00	520.00	38.000	15000	100000>	3.30	
840425	1840	50571	4.00	120.00	8.200	10	140	0.65	0.0030
840604	1745	50589	1.00	210.00	11.000	30C	12800	0.45	
840626	1630	50607	1.00	200.00	10.000	1400	31000	0.70	
840730	1645	50625	1.00	240.00	9.570	200AID	5900	0.55	0.0010
840828	1610	50643	1.00	260.00	10.000	300AID	20000	0.50	
840925	1635	50659	1.00	240.00	13.800	1300		0.65	
841030	0905	50674	1.00	280.00	28.000			0.55	0.0023
841127	0945	50689	1.00	290.00	27.000			0.65	0.0010
841218	0940	50704	1.00	330.00	22.000			0.61	0.0030
		MAXIMUM	4.00	520.00	38.000	15000	31000	3.30	0.0070
		ARITH MEAN	1.42	290.83	19.464	2303	10906	1.03	0.0029
		GEOM MEAN	1.26	272.36	17.011	450		0.82	0.0023
		MINIMUM	1.00	120.00	8.200	10	140	0.45	0.0010
		STD DEV (GEOM *)	0.90	109.25	10.185	9*		0.90	0.0022
		# SAMP IN STATISTICS	12	12	12	9	7	12	6
		% SAMP (EXCLUDED)					12		

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT INFLOW TO MANITOWADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 08 40.19 LONG: 085 47 38.71 U T M: 16 0587950.0 5444000.0 4 REGION: 06 DISTANCE: 138.239

**INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLTR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C
840124	0900	50513	0.30	0101	21.000	87.0	0.0010<	0.60	0.0020	1.700	171.000	335.0
840222	1915	50531	0.30	0101	14.000	79.0		0.90	0.0040	7.100	186.000	346.0
840328	0755	50549	0.30	0101	22.000	94.0		0.90	0.0010	1.200	266.000	418.0
840425	1900	50567	0.30	0101	3.000	37.0	0.0010<	0.90	0.0005<	0.500		119.0
840604	1800	50585	0.30	0101		50.0		0.70	0.0010	0.400	126.000	168.0
840626	1648	50603	0.30	0101	4.000	59.0		0.90	0.0010	0.600	144.000	193.0
840730	1710	50621	0.30	0101	6.000	65.0	0.0010	0.30	0.0010	1.000	146.000	228.0
840828	1630	50639	0.30	0101	8.000	72.0	0.0010	1.10	0.0040	2.700	139.000	347.0
840925	1655	50655	0.30	0101	8.000	81.0	0.0013	1.30	0.0048	2.700	108.000	401.0
841030	0815	50670	0.30	0101	9.000	65.0	0.0010<	1.10	0.0005<	1.200	158.000	244.0
841127	0845	50685	0.30	0101	12.000	68.0		0.20	0.0027	1.700	154.000	282.0
841218	0835	50700	0.30	0101		58.0	0.0010	0.80	0.0020	1.100	124.000	224.0
		MAXIMUM	0.30		22.000	94.0	0.0013	1.30	0.0048	7.100	266.000	418.0
		ARITH MEAN	0.30		10.700	67.9	0.0011	0.81	0.0023	1.825	156.545	275.4
		GEOM MEAN			8.928	66.0		0.72		1.322	152.198	259.1
		MINIMUM	0.30		3.000	37.0	0.0010	0.20	0.0010	0.400	108.000	119.0
		STD DEV (GEOM *)			6.584	16.0		0.32		1.826	42.415	94.6
		# SAMP IN STATISTICS	12		10	12	4	12	10	12	11	12
		% SAMP (EXCLUDED)					42		16			

**INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3
840124	0900	50513	0.0020	0.0030	0.0150	9.8	20AID	4.5000	6.9		2.0	166.000
840222	1915	50531	0.0020<	0.0130	0.0640	10.2	340	6.1000	6.8		1.0	163.000
840328	0755	50549	0.0020<	0.0020<	0.0120	8.1	4<	9.7000	6.8		1.0	202.000
840425	1900	50567	0.0020<	0.0020<	0.0270	10.4	4<	0.7000	6.8	3	9.0	59.000
840604	1800	50585	0.0020<	0.0020<	0.0090	10.2	40	0.9400	6.9		16.5	81.000
840626	1648	50603	0.0020<	0.0030	0.0170	6.9	388	1.6000	7.0		17.5	105.000
840730	1710	50621	0.0020<	0.0020<	0.0200	7.7	180	1.7000	7.3		22.0	123.000
840828	1630	50639	0.0020	0.0030	0.0860	8.8	10<	3.0000	7.0	9	21.0	174.000
840925	1655	50655	0.0020<	0.0020	0.0950	6.9	1500>	3.2000	7.0		6.5	208.000
841030	0815	50670	0.0020<	0.0035	0.0190	10.2	20AID	2.5000	7.0		4.5	118.000
841127	0845	50685	0.0020	0.0440	0.0260	14.0	10<	3.6000	6.9	9 3	1.0	139.000
841218	0835	50700	0.0030	0.0020<	0.0180	11.6	60	2.8000	6.7	3	1.0	110.000

(C O N T D)

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT INFLOW TO MANITOWADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 08 40.19 LONG: 085 47 38.71 U T M: 16 0587950.0 5444000.0 4 REGION: 06 DISTANCE: 138.239

*=INTERIM TEST-NAME:		COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
		COBALT	CHROMIUM	COPPER	DISOLVED	FECAL COLIFORM	IRON				HARDNESS
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.			WATER	TOTAL
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	CNT	MG/L	PH	STREAM	TEMP	MG/L
YYMMDD LMT	NUMBER	AS CO	AS CR	AS CU	AS O	/100ML	AS FE	FIELD	COND.	DEG.C	AS CACO3
MAXIMUM		0.0030	0.0440	0.0950	14.0	388	9.7000	7.3		22.0	208.000
ARITH MEAN		0.0022	0.0102	0.0340	9.6	150	3.3617	6.9		8.6	137.333
GEOM MEAN				0.0253	9.4		2.6413	6.9		4.5	129.394
MINIMUM		0.0020	0.0020	0.0090	6.9	20	0.7000	6.7		1.0	59.000
STD DEV (GEOM *)				0.0300	2.0		2.5055	0.2		8.4	46.402
# SAMP IN STATISTICS		4	7	12	12	7	12	12		12	12
% SAMP (EXCLUDED)		66	41			41					

*=INTERIM TEST-NAME:		HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
					NH3-N			K'DAHL N			
		MERCURY	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL	LEAD		PO4
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		FIL.REAC
DATE HOUR	SAMPLE	UG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD LMT	NUMBER	AS HG	AS MN	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P
840124 0900	50513		0.340	0.002	0.350	0.010	0.160	0.820	0.004	6.90	0.005
840222 1915	50531		0.300	0.005	0.460	0.009	0.220	0.860	0.007	6.90	0.010
840328 0755	50549		0.390	0.002	0.760	0.010	0.220	1.300	0.003<	6.90	0.005
840425 1900	50567		0.070	0.002 <	0.070	0.004	0.110	0.510	0.003<	7.30	0.001
840604 1800	50585		0.070	0.002 <	0.090	0.006	0.050	0.490	0.003<	7.40	0.001
840626 1648	50603		0.100	0.004	0.100	0.007	0.050	0.570	0.003<	7.40	0.001
840730 1710	50621		0.140	0.002	0.180	0.009	0.070	0.620	0.003<	7.50	0.007
840828 1630	50639		0.340	0.003	0.530	0.007	0.210	1.100	0.006	7.50	0.002
840925 1655	50655		0.300	0.002 <	0.270	0.008	0.140	0.680	0.024	7.30	0.003
841030 0815	50670		0.140	0.0045	0.200	0.008	0.260	0.700	0.003<	7.20	0.001
841127 0845	50685	0.001<	0.190	0.002 <	0.210	0.007	0.170	0.620	0.003<	7.10	0.001
841218 0835	50700		0.170	0.002	0.190	0.007	0.350	0.620	0.003<	7.00	0.002
MAXIMUM			0.390	0.005	0.760	0.010	0.350	1.300	0.024	7.50	0.010
ARITH MEAN			0.212	0.003	0.284	0.008	0.167	0.741	0.010	7.20	0.003
GEOM MEAN			0.181		0.224	0.007	0.142	0.710		7.20	0.002
MINIMUM			0.070	0.002	0.070	0.004	0.050	0.490	0.004	6.90	0.001
STD DEV (GEOM *)			0.115		0.207	0.002	0.091	0.244		0.23	0.003
# SAMP IN STATISTICS			12	8	12	12	12	12	4	12	12
% SAMP (EXCLUDED)				33					66		

(C O N T D)

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT INFLOW TO MANITOWADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 49 08 40.19 LONG: 085 47 38.71 U T M: 16 0587950.0 5444000.0 4 REGION: 06 DISTANCE: 138.239

*=INTERIM TEST-NAME:			PPUT	RSP	RST	SSO4UR	TCMF	TCMFBK	TURB	ZNUT
			PHOSPHOR			SULPHATE	COLIFORM TOTAL	COLIFORM TOTAL MF		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SO4	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840124	0900	50513	0.027	1.00	250.00	80.000	30AID	1390	4.60	0.5700
840222	1915	50531	0.020	5.00	260.00	79.000	870	2000	9.80	1.0000
840328	0755	50549	0.028	4.00	310.00	125.000	10AID	910	20.00	0.6400
840425	1900	50567	0.019	6.00	110.00	17.000	50AID	110	1.70	0.3200
840604	1800	50585	0.014	1.00	150.00	27.000	240C	6000	1.40	0.3000
840626	1648	50603	0.016	2.00	170.00	31.000	1500>	10000>	2.00	0.4400
840730	1710	50621	0.019	1.00	200.00	42.500	1300C	100000>	3.50	0.3300
840828	1630	50639	0.016	7.00	270.00	92.000	1300C	100000>	15.00	2.0000
840925	1655	50655	0.024	15.00	300.00	127.000	13000		21.00	0.9000
841030	0815	50670	0.011	2.00	170.00	47.000			6.80	0.3900
841127	0845	50685	0.016	2.00	220.00	61.000			3.90	0.7700
841218	0835	50700	0.014	3.00	210.00	44.000			2.90	0.5300
		MAXIMUM	0.028	15.00	310.00	127.000	13000	6000	21.00	2.0000
		ARITH MEAN	0.019	4.08	218.33	64.375	2100	2082	7.72	0.6825
		GEOM MEAN	0.018	2.86	209.60	54.614			5.17	0.5803
		MINIMUM	0.011	1.00	110.00	17.000	10	110	1.40	0.3000
	STD DEV (GEOM *)		0.005	3.99	61.77	36.656			7.13	0.4744
# SAMP IN STATISTICS			12	12	12	12	8	5	12	12
% SAMP (EXCLUDED)							11	37		

B.O.W./ SITE: LITTLE BLACK RIVER
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 28.71 LONG: 085 57 13.45 U T M: 16 0577000.0 5393450.0 4 REGION: 06 DISTANCE: 22.720

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ALUT	ASUT	AS3UR	AS5UR	BOD5	CAUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CALCIUM UNF.REAC MG/L AS CA
840124	1140	50508	0.30	0101	10.000	18.0	0.210	0.0010<	0.001<	0.001<	0.40	8.800
840223	0950	50526	0.30	0101	8.000	1.8	0.160	0.0010<			0.60	14.000
840327	1600	50544	0.30	0101	7.000	24.0	0.180	0.0010<	0.001<	0.001<	0.80	15.000
840426	0900	50562	0.30	0101	4.000	11.0	0.250	0.0010<	0.001<	0.001<	0.90	5.500
840604	1540	50580	0.30	0101		12.0	0.230	0.0010<	0.001<	0.001<	0.80	7.600
840626	1415	50598	0.30	0101	3.000	15.0	0.230	0.0010<	0.001<	0.001<	0.80	8.000
840730	1440	50616	0.30	0101	3.000	20.0	0.150	0.0010	0.001<	0.001<	0.30	9.600
840828	1340	50634	0.30	0101	4.000	27.0	0.082	0.0010<	0.001<	0.001<	0.50	12.000
840925	1405	50650	0.30	0101	3.000	31.0	0.064	0.0010	0.001<	0.001<	0.50	14.000
		MAXIMUM	0.30		10.000	31.0	0.250	0.0010			0.90	15.000
		ARITH MEAN	0.30		5.250	17.8	0.173	0.0010			0.62	10.500
		GEOM MEAN			4.709	14.3	0.158				0.59	9.996
		MINIMUM	0.30		3.000	1.8	0.064	0.0010			0.30	5.500
		STD DEV (GEOM *)			2.712	9.0	0.066				0.21	3.361
		# SAMP IN STATISTICS	9		8	9	9	2			9	9
		% SAMP (EXCLUDED)						77				

*=INTERIM TEST-NAME:			CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	CCNFUR CYANIDE FREE UNF.REAC MG/L AS HCN	CDUT CADMIUM UNF.TOT. MG/L AS CD	CLIDUR CHLORIDE UNF.REAC MG/L AS CL-	COD CHEM. OX DEMAND MG/L AS O	COLAP COLOUR APPARENT HZU	COLTR COLOUR TRUE HZU	COND25 CONDUCT. 25C UMHO/CM AT 25 C	COUT COBALT UNF.TOT. MG/L AS CO	CRUT CHROMIUM UNF.TOT. MG/L AS CR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER										
840124	1140	50508			0.0005<	4.700	32		107.000	75.0	0.0020<	0.0030
840223	0950	50526	0.001<W	0.001<W	0.0005<	29.000	25	105.000		184.0	0.0020<	0.0020
840327	1600	50544	0.001<W	0.001<W	0.0005<	34.000	26	101.000		213.0	0.0020<	0.0020<
840426	0900	50562			0.0005<	9.300	33	103.000		71.0	0.0020<	0.0020<
840604	1540	50580	0.004<T	0.004<T	0.0005	9.500	38	106.000		81.0	0.0020<	0.0020<
840626	1415	50598	0.001<W	0.001<W	0.0005<	2.900	38		123.000	76.0	0.0020	0.0020
840730	1440	50616	0.001<W	0.001<W	0.0005<	9.700	29	105.000		92.0	0.0020<	0.0020<
840828	1340	50634	0.001<W	0.001<W	0.0005<	16.000	34	83.000		124.0	0.0020<	0.0020<
840925	1405	50650	0.001<W	0.001<W	0.0005<	25.000	33	70.000		171.0	0.0020<	0.0035
		MAXIMUM	0.004	0.004	0.0005	34.000	38	106.000	123.000	213.0	0.0020	0.0035
		ARITH MEAN	0.001<A	0.001<A	0.0005	15.567	32	96.143	115.000	120.8	0.0020	0.0026
		GEOM MEAN	0.001<A	0.001<A		11.850	32	95.155	114.721	110.7		
		MINIMUM	0.001	0.001	0.0005	2.900	25	70.000	107.000	71.0	0.0020	0.0020
		STD DEV (GEOM *)	0.001<A	0.001<A		11.172	5	14.029	11.314	54.8		
		# SAMP IN STATISTICS	7	7	1	9	9	7	2	9	1	4
		% SAMP (EXCLUDED)			88						88	55

(C O N T D)

B.O.W./ SITE: LITTLE BLACK RIVER
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 28.71 LONG: 085 57 13.45 U T M: 16 0577000.0 5393450.0 4 REGION: 06 DISTANCE: 22.720

#=INTERIM TEST-NAME:			CUUT	DO	FCHF	FEUT	FSHF	FWPH	FWSTRC	FWTEMP	HARDT	HGUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	FECAL STREPCUS MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG
840124	1140	50508	0.0020	10.0	4<	0.3700	4<	6.6	4	1.0	28.000	0.050<
840223	0950	50526	0.0020	9.6	4<	0.3200	4<	6.7		1.0	42.000	0.050<
840327	1600	50544	0.0010	9.3	4<	0.4900	4<	6.4	4	1.0	45.000	0.050<
840426	0900	50562	0.0010	10.8	4<	0.1900	4<	6.2	3	6.0	17.000	0.050<
840604	1540	50580	0.0050	10.6	4<	0.6400	600>	6.6		16.0	24.000	0.050<
840626	1415	50598	0.0020	7.6	4<	0.2000	600>	6.8		17.0	25.000	0.050<
840730	1440	50616	0.0030	7.2	16	0.2500	150	7.2		22.0	30.000	0.050<
840828	1340	50634	0.0017	8.8	4	0.2200	600>	7.0		21.0	37.000	0.050<
840925	1405	50650	0.0018	8.7	12	0.2300	600>	7.0		9.5	42.000	0.050<
		MAXIMUM	0.0050	10.8	16	0.6400	150	7.2		22.0	45.000	
		ARITH MEAN	0.0022	9.2	11	0.3233	150	6.7		10.5	32.222	
		GEOM MEAN	0.0019	9.1		0.2968		6.7		5.8	30.830	
		MINIMUM	0.0010	7.2	4	0.1900	150	6.2		1.0	17.000	
		STD DEV (GEOM #)	0.0012	1.2		0.1533		0.3		8.7	9.692	
		# SAMP IN STATISTICS	9	9	3	9	1	9		9	9	
		% SAMP (EXCLUDED)			66		88					

#=INTERIM TEST-NAME:			KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840124	1140	50508	0.40	1.400	0.007	3.600	0.002<	0.050	0.004	0.220	0.480	0.003<
840223	0950	50526	0.61	1.700	0.020	21.000	0.003	0.050	0.005	0.320	0.480	0.003<
840327	1600	50544	0.62	1.900	0.040	24.000	0.002<	0.050	0.004	0.280	0.680	0.003<
840426	0900	50562	0.60	0.800	0.024	5.900	0.003	0.030	0.004	0.170	0.440	0.003<
840604	1540	50580	0.69	1.200	0.022	6.300	0.002	0.010	0.004	0.060	0.380	0.003<
840626	1415	50598	0.76	1.100	0.024	5.500	0.002<	0.010	0.005	0.060	0.440	0.003<
840730	1440	50616	0.80	1.400	0.067	7.000	0.002	0.060	0.006	0.060	0.460	0.003<
840828	1340	50634	0.97	1.700	0.066	9.600	0.002	0.020	0.003	0.090	0.440	0.003<
840925	1405	50650	0.99	1.800	0.061	1.200	0.004	0.010	0.003	0.170	0.400	0.004
		MAXIMUM	0.99	1.900	0.067	24.000	0.004	0.060	0.006	0.320	0.680	0.004
		ARITH MEAN	0.72	1.444	0.037	9.344	0.003	0.032	0.004	0.159	0.467	0.004
		GEOM MEAN	0.69	1.398	0.030	6.771		0.025	0.004	0.131	0.461	
		MINIMUM	0.40	0.800	0.007	1.200	0.002	0.010	0.003	0.060	0.380	0.004
		STD DEV (GEOM #)	0.19	0.364	0.023	7.838		0.020	0.001	0.099	0.087	
		# SAMP IN STATISTICS	9	9	9	9	6	9	9	9	9	1
		% SAMP (EXCLUDED)					33					88

(C O N T D)

B.O.W./ SITE: LITTLE BLACK RIVER
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 28.71 LONG: 085 57 13.45 U T M: 16 0577000.0 5393450.0 4 REGION: 06 DISTANCE: 22.720

#=INTERIM TEST-NAME:			PH	PPO4FR	PPUT	PSAMF	RSF	RSP	RST	SIO3UR	SSO4UR	TCMF
						PSEUDOMN AERUG.						COLIFORM TOTAL
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	SULPHATE UNF.REAC MG/L AS SO4	MF CNT /100ML
840124	1140	50508	6.30	0.002	0.010	1<	79.00	1.00	80.00		8.700	10<
840223	0950	50526	6.60	0.002	0.009	1<	139.00	1.00	140.00	3.100	7.900	30AID
840327	1600	50544	6.90		0.009		159.00	1.00	160.00	3.200	9.600	10AID
840426	0900	50562	6.60	0.001	0.013	1<	54.00	1.00	55.00	2.200	5.200	10AID
840604	1540	50580	7.00	0.001<	0.012	1<	99.00	1.00	100.00	1.800	6.100	100C
840626	1415	50598	7.20	0.001	0.008	1<	79.00	1.00	80.00	1.500	5.400	200AID
840730	1440	50616	7.20	0.001	0.010		89.00	1.00	90.00	1.200	4.650	600AID
840828	1340	50634	7.30	0.001	0.008	1<		1.00	90.00	1.100	4.790	7100C
840925	1405	50650	7.40	0.001	0.009			1.00	120.00	1.100	5.560	200AID
		MAXIMUM	7.40	0.002	0.013		159.00	1.00	160.00	3.200	9.600	7100
		ARITH MEAN	6.94	0.001	0.010		99.71	1.00	101.67	1.900	6.433	1031
		GEOM MEAN	6.94		0.010		94.16	1.00	97.09	1.744	6.223	
		MINIMUM	6.30	0.001	0.008		54.00	1.00	55.00	1.100	4.650	10
		STD DEV (GEOM *)	0.37		0.002		36.79	0.00	32.79	0.859	1.826	
		# SAMP IN STATISTICS	9	7	9		7	9	9	8	9	8
		% SAMP (EXCLUDED)		12								11

#=INTERIM TEST-NAME:			TCMFBK	TURB	ZNUT
			COLIFORM TOTAL MF		
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840124	1140	50508	120	0.40	0.0030
840223	0950	50526	80AID	0.45	0.0030
840327	1600	50544	260	0.50	0.0030
840426	0900	50562	40AID	0.50	0.0030
840604	1540	50580	4000	0.40	0.0060
840626	1415	50598	10000	0.40	0.0030
840730	1440	50616	5400	0.40	0.0030
840828	1340	50634	100000>	0.40	0.0010
840925	1405	50650		0.75	0.0024
		MAXIMUM	10000	0.75	0.0060
		ARITH MEAN	2843	0.47	0.0030
		GEOM MEAN		0.46	0.0028
		MINIMUM	40	0.40	0.0010
		STD DEV (GEOM *)		0.11	0.0013
		# SAMP IN STATISTICS	7	9	9
		% SAMP (EXCLUDED)	12		

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2260

LAT: 48 41 47.30 LONG: 085 52 51.34 U T M: 16 0582350.0 5394100.0 4 REGION: 06 DISTANCE: 3.200

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ALUT	ASUT	AS3UR	AS5UR	BOD5	CAUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CALCIUM UNF.REAC MG/L AS CA
840124	1120	50509	0.30	0101	7.000	62.0	0.049	0.0010<	0.001 <	0.001 <	0.40	19.000
840223	0935	50527	0.30	0101	6.000	57.0	0.027	0.0012			0.60	20.000
840327	1620	50545	0.30	0101	3.000	63.0	0.029	0.0010<	0.001 <	0.001 <	0.60	22.000
840426	0850	50563	0.30	0101	5.000	45.0	0.060	0.0010<	0.001 <	0.001 <	1.20	15.000
840604	1555	50581	0.30	0101		42.0	0.050	0.0010<	0.001 <	0.001 <	0.70	15.000
840626	1438	50599	0.30	0101	3.000	45.0	0.079	0.0010<	0.001 <	0.001 <	0.70	16.000
840730	1445	50617	0.30	0101	3.000	49.0	0.046	0.0010	0.001 <	0.001 <	0.30	17.000
840828	1355	50635	0.30	0101	4.000	58.0	0.026	0.0010<	0.0010<	0.0010<	0.70	18.000
840925	1425	50651	0.30	0101	2.000	58.0	0.050	0.0010<	0.0010<	0.0010<	0.60	19.000
841029	1450	50666	0.30	0101	6.000	38.0		0.0013			1.40	15.000
841126	1520	50681	0.30	0101	4.000	54.0		0.0022			1.40	
841217	1535	50696	0.30	0101		50.0		0.0010<			0.70	
		MAXIMUM	0.30		7.000	63.0	0.079	0.0022			1.40	22.000
		ARITH MEAN	0.30		4.300	51.7	0.046	0.0014			0.77	17.600
		GEOM MEAN			4.015	51.1	0.043				0.70	17.454
		MINIMUM	0.30		2.000	38.0	0.026	0.0010			0.30	15.000
		STD DEV (GEOM #)			1.636	8.1	0.017				0.36	2.413
	# SAMP IN STATISTICS		12		10	12	9	4			12	10
	% SAMP (EXCLUDED)							66				

#=INTERIM TEST-NAME:			CCNAUR CYANIDE AVAIL UNF.REAC MG/L AS HCN	CCNFUR CYANIDE FREE UNF.REAC MG/L AS HCN	CDUT CADMIUM UNF.TOT. MG/L AS CD	CLIDUR CHLORIDE UNF.REAC MG/L AS CL-	COD CHEM. OX DEMAND MG/L AS O	COLAP COLOUR APPARENT HZU	COLTR COLOUR TRUE HZU	COND25 CONDUCT. 25C UMHO/CM AT 25 C	COUT COBALT UNF.TOT. MG/L AS CO	CRUT CHROMIUM UNF.TOT. MG/L AS CR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER										
840124	1120	50509			0.0005<	2.800	42	85.000		138.0	0.0020<	0.0020<
840223	0935	50527	0.001<W	0.001<W	0.0005<	5.300	22	85.000		147.0	0.0020<	0.0020<
840327	1620	50545	0.001<W	0.001<W	0.0005<	3.300	32	78.000		156.0	0.0020<	0.0020<
840426	0850	50563			0.0005<	3.000	36	82.000		112.0	0.0020<	0.0020
840604	1555	50581	0.001<W	0.001<W	0.0005<	3.700	30	89.000		110.0	0.0020<	0.0020
840626	1438	50599	0.001<W	0.001<W	0.0005<	1.000	45	86.000		112.0	0.0020	0.0020
840730	1445	50617	0.001<W	0.001<W	0.0005<	2.800	29	75.000		117.0	0.0020<	0.0020
840828	1355	50635	0.001<W	0.001<W	0.0005<	3.300	27	68.000		135.0	0.0020<	0.0020<
840925	1425	50651	0.001<W	0.001<W	0.0005<	4.600	31	56.000		140.0	0.0020<	0.0025
841029	1450	50666	0.002<T	0.002<T	0.0005	6.900			147.000	118.0	0.0200<	0.0020<
841126	1520	50681	0.001<T	0.001<T	0.0005<	3.500		68.000		137.0	0.0020	0.0020
841217	1535	50696			0.0005<	6.900		87.000		142.0	0.0020<	0.0020<

(C O N T D)

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02 001 2280

LAT: 48 41 47.30 LONG: 085 52 51.34 U T M: 16 0582350.0 5394100.0 4 REGION: 06 DISTANCE: 3.200

#=INTERIM TEST-NAME:			CCNAUR CYANIDE AVAIL	CCNFUR CYANIDE FREE	CDUT	CLIDUR	COD	COLAP	COLTR	CONJ25	COUT	CRUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS HCN	UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CHEM. OX DEMAND MG/L AS O	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR
	MAXIMUM		0.002	0.002	0.0005	6.900	45	89.000	147.000	156.0	0.0020	0.0025
	ARITH MEAN		0.001<A	0.001<A	0.0005	3.925	33	78.091	147.000	130.3	0.0020	0.0021
	GEOM MEAN		0.001<A	0.001<A		3.538	32	77.404		129.5		
	MINIMUM		0.001	0.001	0.0005	1.000	22	56.000	147.000	110.0	0.0020	0.0020
	STD DEV (GEOM *)		0.000<A	0.000<A		1.732	7	10.358		15.7		
	# SAMP IN STATISTICS		9	9	1	12	9	11	1	12	2	6
	% SAMP (EXCLUDED)				91						83	50

#=INTERIM TEST-NAME:			CUUT	DO	FCHF FECAL COLIFORM	FEUT	FSHF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	HARDT	HGUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG
840124	1120	50509	0.0010	12.0	4<	0.0830	4<	7.2		0.5	68.000	0.050<
840223	0935	50527	0.0020	12.4	4	0.0980	4<	7.1		1.0	71.000	0.050<
840327	1620	50545	0.0010<	9.1	4<	0.0940	4<	7.0		1.0	77.000	0.050<
840426	0850	50563	0.0010	11.2	4<	0.0970	4<	6.9	3	5.5	55.000	0.050<
840604	1555	50581	0.0020	10.1	8	0.1000	64	7.1		17.0	53.000	0.050<
840626	1438	50599	0.0010	7.3	12	0.1100	184	7.2		18.0	56.000	0.050<
840730	1445	50617	0.0020	7.2	4	0.1300	40	7.6		21.5	61.000	0.050<
840828	1355	50635	0.0010	8.3	48	0.0700	240	7.2		22.0	65.000	0.050<
840925	1425	50651	0.0021	8.8	12	0.1000	32	7.2		10.0	68.000	0.050<
841029	1450	50666	0.0025	10.2	16	0.2000		7.0		6.0	54.000	0.050<
841126	1520	50681	0.001	11.7	4<	0.0910		7.5		2.0	66.000	0.050<
841217	1535	50696	0.002	12.6	8	0.1400		6.7		0.1	62.000	0.050<
	MAXIMUM		0.0025	12.6	48	0.2000	240	7.6		22.0	77.000	
	ARITH MEAN		0.002	10.1	14	0.1094	112	7.1		8.7	63.000	
	GEOM MEAN			9.9		0.1055		7.1		3.6	62.591	
	MINIMUM		0.0010	7.2	4	0.0700	32	6.7		0.1	53.000	
	STD DEV (GEOM *)			1.9		0.0342		0.2		8.6	7.520	
	# SAMP IN STATISTICS		11	12	8	12	5	12		12	12	
	% SAMP (EXCLUDED)		8		33		44					

(C O N T D)

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02 001 2280

LAT: 48 41 47.30 LONG: 085 52 51.34 U T M: 16 0582350.0 5394100.0 4 REGION: 06 DISTANCE: 3.200

*=INTERIM TEST-NAME:			KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
			POTASSIM	MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS K	FIL.REAC MG/L AS MG	UNF.TOT. MG/L AS MN	UNF.REAC MG/L AS NA	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB
840124	1120	50509	0.37	5.100	0.007	2.200	0.002 <	0.030	0.004	0.090	0.490	0.004
840223	0935	50527	0.37	5.100	0.010	3.400	0.002	0.020	0.004	0.170	0.500	0.003<
840327	1620	50545	0.37	5.300	0.009	2.300	0.002 <	0.010<	0.003	0.160	0.460	0.003<
840426	0850	50563	0.39	4.200	0.016	2.300	0.002	0.020	0.003	0.170	0.460	0.003<
840604	1555	50581	0.42	3.900	0.010	2.400	0.003	0.010	0.004	0.050	0.450	0.003<
840626	1438	50599	0.41	4.000	0.015	2.100	0.002	0.020	0.004	0.020	0.480	0.003<
840730	1445	50617	0.37	4.500	0.014	2.200	0.005	0.060	0.005	0.010<	0.450	0.003<
840828	1355	50635	0.38	4.800	0.015	2.400	0.003	0.020	0.003	0.010<	0.460	0.003<
840925	1425	50651	0.48	4.900	0.013	1.200	0.002	0.020	0.003	0.020	0.420	0.003<
841029	1450	50666	0.85	3.900	0.014	4.800	0.0035	0.010	0.006	0.270	0.660	0.003<
841126	1520	50681			0.007		0.002 <	0.010<	0.003	0.060	0.430	0.003<
841217	1535	50696			0.013		0.002 <	0.010	0.040	0.270	0.600	0.003<
	MAXIMUM		0.85	5.300	0.016	4.800	0.005	0.060	0.040	0.270	0.660	0.004
	ARITH MEAN		0.44	4.570	0.012	2.530	0.003	0.022	0.007	0.128	0.488	0.004
	GEOM MEAN		0.43	4.541	0.011	2.389			0.005		0.484	
	MINIMUM		0.37	3.900	0.007	1.200	0.002	0.010	0.003	0.020	0.420	0.004
	STD DEV (GEOM *)		0.15	0.540	0.003	0.956			0.010		0.071	
# SAMP IN STATISTICS			10	10	12	10	8	10	12	10	12	1
% SAMP (EXCLUDED)							33	16		16		91

*=INTERIM TEST-NAME:			PH	PO4FR	PPUT	PSAMF PSEUDOMN AERUG.	RSF	RSP	RST	SIO3UR	SSO4UR	TCHF COLIFORM
				PO4	PHOSPHOR	MF				SILICATE	SULPHATE	TOTAL MF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SI	UNF.REAC MG/L AS SO4	CNT /100ML
840124	1120	50509	7.10	0.003	0.011	1<	109.00	1.00	110.00		6.200	20AID
840223	0935	50527	7.20	0.002	0.011	1<	129.00	1.00	130.00	2.400	4.900	10<
840327	1620	50545	7.40		0.011		99.00	1.00	100.00	2.400	5.000	10AID
840426	0850	50563	7.20	0.001<	0.013	2<	84.00	1.00	85.00	2.000	4.400	20AID
840604	1555	50581	7.50	0.001<	0.020	1<	98.00	2.00	100.00	1.400	4.100	160C
840626	1438	50599	7.50	0.001	0.015	1<	97.00	3.00	100.00	1.200	3.900	100AID
840730	1445	50617	7.60	0.001	0.013		109.00	1.00	110.00	1.200	3.850	100AID
840828	1355	50635	7.70	0.001<	0.014	1<		2.00	100.00	1.200	3.890	300AID
840925	1425	50651	7.70	0.003	0.016			1.00	110.00	1.300	3.930	400AID
841029	1450	50666	7.10	0.001	0.018		118.00	2.00	120.00	2.000	4.430	
841126	1520	50681	7.40	0.001	0.010			1.00	85.00	1.500	4.200	
841217	1535	50696	7.20	0.001	0.014			2.00	95.00	1.800	4.600	

(C O N T D)

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 41 47.30 LONG: 085 52 51.34 U T M: 16 0582350.0 5394100.0 4 REGION: 06 DISTANCE: 3.200

#=INTERIM TEST-NAME:			PH	PPO4FR	PPUT	PSAHF	RSF	RSP	RST	SIO3UR	SSO4UR	TCMF
				PO4	PHOSPHOR	PSEUDOMN AERUG.				SILICATE	SULPHATE	COLIFORM TOTAL
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	MF CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SI	UNF.REAC MG/L AS SO4	MF CNT /100ML
	MAXIMUM		7.70	0.003	0.020		129.00	3.00	130.00	2.400	6.200	400
	ARITH MEAN		7.38	0.002	0.014		105.37	1.50	103.75	1.673	4.450	139
	GEOM MEAN		7.38		0.014		104.57	1.38	103.00	1.616	4.408	
	MINIMUM		7.10	0.001	0.010		84.00	1.00	85.00	1.200	3.850	10
	STD DEV (GEOM *)		0.22		0.003		13.97	0.67	13.16	0.469	0.676	
	# SAMP IN STATISTICS		12	8	12		8	12	12	11	12	8
	% SAMP (EXCLUDED)			27								11

#=INTERIM TEST-NAME:			TCMFBK	TURB	ZNUT
			COLIFORM TOTAL MF		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840124	1120	50509	140	0.45	0.0010<
840223	0935	50527	40AID	0.40	0.0010
840327	1620	50545	20AID	0.40	0.0010
840426	0850	50563	160	0.50	0.0020
840604	1555	50581	3500	0.75	0.0050
840626	1438	50599	1300	0.90	0.0010
840730	1445	50617	5700	0.65	0.0010
840828	1355	50635	6200	0.70	0.0010<
840925	1425	50651		1.20	0.0036
841029	1450	50666		1.20	0.0034
841126	1520	50681		1.30	0.0010
841217	1535	50696		1.20	0.0030
	MAXIMUM		6200	1.30	0.0050
	ARITH MEAN		2133	0.80	0.0022
	GEOM MEAN		481	0.73	
	MINIMUM		20	0.40	0.0010
	STD DEV (GEOM *)		10*	0.34	
	# SAMP IN STATISTICS		8	12	10
	% SAMP (EXCLUDED)				16

B.O.W./ SITE: WABIKOBA CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2250

LAT: 52 18 45.82 LONG: 085 41 58.61 U T M: 16 0588650.0 5796400.0 4 REGION: 06 DISTANCE: 0.320

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ALUT	ASUT	AS3UR	AS5UR	BOD5	CAUR
					ACIDITY						BOD	
SAMPLE			SAMPLE	PROJECT	TOTAL	ALK	ALUMINUM	ARSENIC	ARSENITE	ARSENATE	5 DAY	CALCIUM
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	TOTAL MG/L	UNF.TOT. MG/L	UNF.TOT. MG/L	UNF.REAC MG/L	UNF.REAC MG/L	TOT.DEM. MG/L	UNF.REAC MG/L
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS CACO3	AS AL	AS AS	AS AS	AS AS	AS O	AS CA
840124	1050	50510	0.30	0101	7.000	80.0	0.045	0.0010<	0.001 <	0.001 <	0.30	24.000
840223	0915	50528	0.30	0101	4.000	65.0	0.023	0.0010<			0.40	23.000
840327	1910	50546	0.30	0101	4.000	71.0	0.027	0.0010<	0.001 <	0.001 <	0.60	23.000
840426	0835	50564	0.30	0101	3.000	39.0	0.080	0.0010<	0.001 <	0.001 <	1.10	14.000
840604	1610	50582	0.30	0101		51.0	0.070	0.0010<	0.001 <	0.001 <	0.60	17.000
840626	1453	50600	0.30	0101	3.000	53.0	0.070	0.0010<	0.001 <	0.001 <	0.80	17.000
840730	1515	50618	0.30	0101	3.000	58.0	0.046	0.0010	0.001 <	0.001 <	0.20	19.000
840828	1410	50636	0.30	0101	5.000	69.0	0.037	0.0010<	0.001 <	0.001 <	0.70	22.000
840925	1450	50652	0.30	0101	5.000	81.0	0.023	0.0010<	0.0010<	0.0010<	0.50	26.000
		MAXIMUM	0.30		7.000	81.0	0.080	0.0010			1.10	26.000
		ARITH MEAN	0.30		4.250	63.0	0.047	0.0010			0.58	20.556
		GEOM MEAN			4.072	61.5	0.042				0.52	20.193
		MINIMUM	0.30		3.000	39.0	0.023	0.0010			0.20	14.000
		STD DEV (GEOM #)			1.389	14.0	0.022				0.27	3.972
		# SAMP IN STATISTICS	9		8	9	9	1			9	9
		% SAMP (EXCLUDED)						88				

#=INTERIM TEST-NAME:			CCNAUR	CCNFUR	CDUT	CLIDUR	COD	COLAP	COND25	COUT	CRUT	CUUT
			CYANIDE	CYANIDE								
			AVAIL	FREE	CADMIUM	CHLORIDE	CHEM. OX		CONDUCT.	COBALT	CHROMIUM	COPPER
SAMPLE			UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	COLOUR	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	APPARENT	UMHO/CM	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS HCN	AS HCN	AS CD	AS CL-	AS O	HZU	AT 25 C	AS CO	AS CR	AS CU
840124	1050	50510			0.0005<	3.400	24	61.000	174.0	0.0020<	0.0020	0.0040
840223	0915	50528	0.003<T	0.002<T	0.0005<	0.800	12	56.000	147.0	0.0020<	0.0020<	0.0020
840327	1910	50546	0.001<W	0.001<W	0.0005<	0.600	21	57.000	158.0	0.0020<	0.0020<	0.0010
840426	0835	50564			0.0005<	1.200	25	73.000	95.0	0.0020<	0.0020	0.0010
840604	1610	50582	0.001<W	0.001<W	0.0005<	1.000	19	68.000	117.0	0.0020<	0.0020<	0.0020
840626	1453	50600	0.001<W	0.001<W	0.0005<	1.000	31	67.000	120.0	0.0020<	0.0020	0.0020
840730	1515	50618	0.001<W	0.001<W	0.0005<	1.300	23	60.000	130.0	0.0020<	0.0030	0.0020
840828	1410	50636	0.003<T	0.001<T	0.0005<	1.800	46	56.000	156.0	0.0020<	0.0020<	0.0054
840925	1450	50652	0.001<T	0.001<W	0.0005<	1.400	31	51.000	173.0	0.0020<	0.0040	0.0018
		MAXIMUM	0.003	0.002		3.400	46	73.000	174.0		0.0040	0.0054
		ARITH MEAN	0.002<A	0.001<A		1.389	26	61.000	141.1		0.0026	0.0024
		GEOM MEAN	0.001<A	0.001<A		1.229	24	60.646	138.6			0.0020
		MINIMUM	0.001	0.001		0.600	12	51.000	95.0		0.0020	0.0010
		STD DEV (GEOM #)	0.001<A	0.000<A		0.831	10	7.036	27.2			0.0014
		# SAMP IN STATISTICS	7	7		9	9	9	9		5	9
		% SAMP (EXCLUDED)									44	

(C O N T D)

B.O.W./ SITE: WABIKOBA CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 52 18 45.82 LONG: 085 41 58.61 U T M: 16 0588650.0 5796400.0 4 REGION: 06 DISTANCE: 0.320

*=INTERIM TEST-NAME:			DO	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	HARDT	HGUT	KKUR
			DISOLVED	FECAL COLIFORM	IRON	FECAL STREPCUS				HARDNESS	MERCURY	POTASSIM
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	OXYGEN MG/L AS O	MF CNT /100ML	UNF.TOT. MG/L AS FE	MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	TOTAL MG/L AS CACO3	UNF.TOT. UG/L AS HG	UNF.REAC MG/L AS K
840124	1050	50510	11.8	4<	0.0890	4<	7.3	4	1.0	85.000	0.050<	0.53
840223	0915	50528	11.6	4<	0.0870	4<	7.3	4	0.5	79.000	0.050<	0.37
840327	1910	50546	9.1	4<	0.0910	4	7.0	4	1.0	80.000	0.050<	0.45
840426	0835	50564	9.7	8	0.0830	4<	6.8	3	4.0	50.000	0.050<	0.42
840604	1610	50582	9.5	8	0.0940	4<	7.2		17.0	59.000	0.050<	0.40
840626	1453	50600	6.4	4	0.0730	420	7.3		14.0	60.000	0.050<	0.35
840730	1515	50618	6.2	8	0.0940	210	7.6		22.0	67.000	0.050<	0.30
840828	1410	50636	6.6	4	0.1200	24	7.2		20.0	77.000	0.050<	0.38
840925	1450	50652	8.8	68	0.1400	88	7.2		8.5	92.000	0.050<	0.52
		MAXIMUM	11.8	68	0.1400	420	7.6		22.0	92.000		0.53
		ARITH MEAN	8.9	17	0.0968	149	7.2		9.8	72.111		0.41
		GEOM MEAN	8.6		0.0951		7.2		4.9	70.875		0.41
		MINIMUM	6.2	4	0.0730	4	6.8		0.5	50.000		0.30
		STD DEV (GEOM *)	2.1		0.0205		0.2		8.7	13.824		0.08
		# SAMP IN STATISTICS	9	6	9	5	9		9	9		9
		% SAMP (EXCLUDED)		33		44						

*=INTERIM TEST-NAME:			MGUR	MNUT	NAUR	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
			MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FIL.REAC MG/L AS MG	UNF.TOT. MG/L AS MN	UNF.REAC MG/L AS NA	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH
840124	1050	50510	6.000	0.007	3.100	0.002<	0.030	0.004	0.100	0.490	0.005	7.20
840223	0915	50528	5.300	0.009	1.200	0.002<	0.020	0.003	0.140	0.410	0.003<	7.30
840327	1910	50546	5.600	0.009	0.940	0.002<	0.010<	0.002	0.160	0.460	0.003<	7.40
840426	0835	50564	3.600	0.008	1.400	0.004	0.020	0.003	0.170	0.440	0.003<	7.20
840604	1610	50582	4.300	0.012	0.930	0.003	0.010	0.004	0.020	0.490	0.003<	7.50
840626	1453	50600	4.300	0.015	1.200	0.002	0.010	0.003	0.010<	0.430	0.003<	7.50
840730	1515	50618	4.900	0.019	1.200	0.002	0.060	0.005	0.010	0.400	0.003<	7.80
840828	1410	50636	5.400	0.020	1.900	0.002<	0.020	0.001	0.010<	0.460	0.003<	7.70
840925	1450	50652	6.700	0.016	1.400	0.004	0.020	0.002	0.010	0.370	0.004	7.90
		MAXIMUM	6.700	0.020	3.100	0.004	0.060	0.005	0.170	0.490	0.005	7.90
		ARITH MEAN	5.122	0.013	1.474	0.003	0.024	0.003	0.087	0.439	0.004	7.50
		GEOM MEAN	5.041	0.012	1.374			0.003		0.437		7.50
		MINIMUM	3.600	0.007	0.930	0.002	0.010	0.001	0.010	0.370	0.004	7.20
		STD DEV (GEOM *)	0.956	0.005	0.675			0.001		0.041		0.25
		# SAMP IN STATISTICS	9	9	9	5	8	9	7	9	2	9
		% SAMP (EXCLUDED)				44	11		22		77	

(C O N T D)

B.O.N./ SITE: WABIKOBA CREEK
SAMPLE POINT: HWY 17
STATION TYPE: RIVER

STATION ID: 01-0060-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 52 18 45.82 LONG: 085 41 58.61 U T M: 16 0588650.0 5796400.0 4 REGION: 06 DISTANCE: 0.320

*=INTERIM TEST-NAME:			PP04FR	PPUT	PSAMF	RSF	RSP	RST	SI03UR	SS04UR	TCMF	TCMFBK
					PSEUDOMN						COLIFORM	COLIFORM
			PO4	PHOSPHOR	AERUG.				SILICATE	SULPHATE	TOTAL	TOTAL MF
SAMPLE			FIL.REAC	UNF.TOT.	MF	RESIDUE	RESIDUE	RESIDUE	UNF.REAC	UNF.REAC	MF	BCKGRD
DATE	HOUR	SAMPLE	MG/L	MG/L	CNT	FILTERED	PARTIC.	TOTAL	MG/L	MG/L	CNT	CNT
YYMMDD	LMT	NUMBER	AS P	AS P	/100ML	MG/L	MG/L	MG/L	AS SI	AS SO4	/100ML	/100ML
840124	1050	50510	0.002	0.011	1<	129.00	1.00	130.00		6.700	10AID	120
840223	0915	50528	0.002	0.011	1<	119.00	1.00	120.00	2.400	4.900	10AID	120
840327	1910	50546		0.011		119.00	1.00	120.00	2.600	5.800	10AID	210
840426	0835	50564	0.001	0.014	2<	81.00	4.00	85.00	1.900	3.700	20AID	240
840604	1610	50582	0.001	0.015	1<	117.00	3.00	120.00	1.200	4.300	510C	5500
840626	1453	50600	0.001	0.013	1<	99.00	1.00	100.00	1.100	4.200	300AID	17000
840730	1515	50618	0.006	0.013		109.00	1.00	110.00	1.200	3.960	180C	3900
840828	1410	50636	0.001<	0.014	1<		1.00	100.00	1.600	3.740	1600	8300
840925	1450	50652	0.002	0.013			1.00	120.00	1.900	3.500	190	
		MAXIMUM	0.006	0.015		129.00	4.00	130.00	2.600	6.700	1600	17000
		ARITH MEAN	0.002	0.013		110.43	1.56	111.67	1.737	4.533	314	4424
		GEOM MEAN		0.013		109.34	1.32	110.82	1.658	4.432	82	1103
		MINIMUM	0.001	0.011		81.00	1.00	85.00	1.100	3.500	10	120
		STD DEV (GEOM *)		0.001		15.99	1.13	14.14	0.566	1.079	7*	8*
		# SAMP IN STATISTICS	7	9		7	9	9	8	9	9	8
		% SAMP (EXCLUDED)	12									

*=INTERIM TEST-NAME:			TURB	ZNUT
				ZINC
SAMPLE				UNF.TOT.
DATE	HOUR	SAMPLE	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	FTU	AS ZN
840124	1050	50510	0.65	0.0020
840223	0915	50528	0.45	0.0010
840327	1910	50546	0.55	0.0040
840426	0835	50564	0.75	0.0010
840604	1610	50582	1.20	0.0020
840626	1453	50600	0.85	0.0010<
840730	1515	50618	0.80	0.0010
840828	1410	50636	1.10	0.0064
840925	1450	50652	0.90	0.0024
		MAXIMUM	1.20	0.0064
		ARITH MEAN	0.81	0.0025
		GEOM MEAN	0.77	
		MINIMUM	0.45	0.0010
		STD DEV (GEOM *)	0.24	
		# SAMP IN STATISTICS	9	8
		% SAMP (EXCLUDED)		11

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: AT HYDROMETRIC STATION
STATION TYPE: RIVER

STATION ID: 01-0060-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 20.68 LONG: 079 54 35.80 U T M: 17 0580200.0 5395100.0 4 REGION: 06 DISTANCE: 6.720

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CAUR	CCNAUR	CCNFUR	CDUT
					ACIDITY	ALK	ARSENIC	BOD 5 DAY	CALCIUM	CYANIDE AVAIL	CYANIDE FREE	CADMIUM
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS CA	UNF.REAC MG/L AS HCN	UNF.REAC MG/L AS HCN	UNF.TOT. MG/L AS CD
841029	1505	50667	0.30	0101	5.000	41.0	0.001	1.60	17.000	0.002<T	0.002<T	0.0005<
841126	1540	50682	0.30	0101	4.000	55.0	0.001<	0.90		0.002<T	0.001<W	0.0005<
841217	1600	50697	0.30	0101		49.0	0.001<	0.80		0.001<W	0.001<W	0.0005<
		MAXIMUM	0.30		5.000	55.0	0.001	1.60	17.000	0.002	0.002	
		ARITH MEAN	0.30		4.500	48.3	0.001	1.10	17.000	0.002<A	0.001<A	
		GEOM MEAN			4.472	48.0		1.05		0.002<A	0.001<A	
		MINIMUM	0.30		4.000	41.0	0.001	0.80	17.000	0.001	0.001	
		STD DEV (GEOM *)			0.707	7.0		0.44		0.001<A	0.001<A	
		# SAMP IN STATISTICS	3		2	3	1	3	1	3	3	
		% SAMP (EXCLUDED)					66					

*=INTERIM TEST-NAME:			CLIDUR	COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	FCMF FECAL	FEUT
			CHLORIDE			CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	COLIFORM	IRON
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	MF CNT /100ML	UNF.TOT. MG/L AS FE
841029	1505	50667	13.000		147.000	157.0	0.020<	0.002	0.0027	10.8	72	0.360
841126	1540	50682	4.000	66.000		141.0	0.002	0.006	0.004	11.7	8	0.120
841217	1600	50697	10.000	82.000		164.0	0.002<	0.002<	0.002	13.0	128	0.200
		MAXIMUM	13.000	82.000	147.000	164.0	0.002	0.006	0.004	13.0	128	0.360
		ARITH MEAN	9.000	74.000	147.000	154.0	0.002	0.004	0.003	11.8	69	0.227
		GEOM MEAN	8.041	73.566		153.7			0.003	11.8	42	0.205
		MINIMUM	4.000	66.000	147.000	141.0	0.002	0.002	0.002	10.8	8	0.120
		STD DEV (GEOM *)	4.583	11.314		11.8			0.001	1.1	4#	0.122
		# SAMP IN STATISTICS	3	2	1	3	1	2	3	3	3	3
		% SAMP (EXCLUDED)					66	33				

(C O N T D)

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: AT HYDROMETRIC STATION
STATION TYPE: RIVER

STATION ID: 01-0060-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

LAT: 48 42 20.68 LONG: 079 54 35.80 U T M: 17 0580200.0 5395100.0 4 REGION: 06 DISTANCE: 6.720

#=INTERIM TEST-NAME:			FWPH	FWTEMP	HARDT	HGUT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR
					HARDNESS	MERCURY	POTASSIM	MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N TOTAL
SAMPLE DATE	HOUR	SAMPLE	PH	WATER TEMP	TOTAL MG/L	UNF.TOT. UG/L	UNF.REAC MG/L	FIL.REAC MG/L	UNF.TOT. MG/L	UNF.REAC MG/L	UNF.TOT. MG/L	FIL.REAC MG/L
YYMMDD	LMT	NUMBER	FIELD	DEG.C	AS CACO3	AS HG	AS K	AS MG	AS MN	AS NA	AS NI	AS N
841029	1505	50667	7.0	6.0	59.000	0.05<	1.30	4.100	0.031	8.300	0.0055	0.120
841126	1540	50682	7.5	2.0	68.000	0.05<			0.024		0.0020<	0.040
841217	1600	50697	6.9	0.1	64.000	0.05<			0.021		0.0020<	0.140
		MAXIMUM	7.5	6.0	68.000		1.30	4.100	0.031	8.300	0.0055	0.140
		ARITH MEAN	7.1	2.7	63.667		1.30	4.100	0.025	8.300	0.0055	0.100
		GEOM MEAN	7.1	1.1	63.559				0.025			0.088
		MINIMUM	6.9	0.1	59.000		1.30	4.100	0.021	8.300	0.0055	0.040
		STD DEV (GEOM *)	0.3	3.0	4.509				0.005			0.053
		# SAMP IN STATISTICS	3	3	3		1	1	3	1	1	3
		% SAMP (EXCLUDED)									66	

#=INTERIM TEST-NAME:			NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	RSF	RSP	RST
			NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR			
SAMPLE DATE	HOUR	SAMPLE	FIL.REAC MG/L	FIL.REAC MG/L	UNF.REAC MG/L	UNF.TOT. MG/L		FIL.REAC MG/L	UNF.TOT. MG/L	RESIDUE FILTERED	RESIDUE PARTIC.	RESIDUE TOTAL
YYMMDD	LMT	NUMBER	AS N	AS N	AS N	AS PB	PH	AS P	AS P	MG/L	MG/L	MG/L
841029	1505	50667	0.016	0.670	0.870	0.003<	7.30	0.002	0.030	112.00	8.00	120.00
841126	1540	50682	0.006	0.200	0.510	0.003	7.60	0.001<	0.015	99.00	1.00	100.00
841217	1600	50697	0.032	0.610	0.750	0.003<	7.40	0.001	0.018		3.00	120.00
		MAXIMUM	0.032	0.670	0.870	0.003	7.60	0.002	0.030	112.00	8.00	120.00
		ARITH MEAN	0.018	0.493	0.710	0.003	7.43	0.001	0.021	105.50	4.00	113.33
		GEOM MEAN	0.015	0.434	0.693		7.43		0.020	105.30	2.88	112.92
		MINIMUM	0.006	0.200	0.510	0.003	7.30	0.001	0.015	99.00	1.00	100.00
		STD DEV (GEOM *)	0.013	0.256	0.183		0.15		0.008	9.19	3.61	11.55
		# SAMP IN STATISTICS	3	3	3	1	3	2	3	2	3	3
		% SAMP (EXCLUDED)				66		33				

(CONTD)

B.O.W./ SITE: CEDAR CREEK
SAMPLE POINT: AT HYDROMETRIC STATION
STATION TYPE: RIVER

STATION ID: 01-0060-012-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02
001
2280

LAT: 48 42 20.68 LONG: 079 54 35.80 U T M: 17 0580200.0 5395100.0 4 REGION: 06 DISTANCE: 6.720

*=INTERIM TEST-NAME:		SI03UR SILICATE	SS04UR SULPHATE	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS SI	UNF.REAC MG/L AS SO4	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
841029	1505	50667	2.000	6.230	2.80	0.0048
841126	1540	50682	1.500	4.700	0.80	0.0020
841217	1600	50697	1.800	5.860	1.40	0.0040
		MAXIMUM	2.000	6.230	2.80	0.0048
		ARITH MEAN	1.767	5.597	1.67	0.0036
		GEOM MEAN	1.754	5.557	1.46	0.0034
		MINIMUM	1.500	4.700	0.80	0.0020
		STD DEV (GEOM *)	0.252	0.798	1.03	0.0014
		# SAMP IN STATISTICS	3	3	3	3
		% SAMP (EXCLUDED)				

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALKTI	ASUT	BOD5	CDUT	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALK INFLECTN POINT MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUN UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840124	1510	50505	0.30	0101	100.0		0.0010<		0.0010	205.0	0.0050	0.0060
840222	1420	50523	0.30	0101	83.0		0.0040		0.0005<	180.0	0.0600	0.0180
840328	1400	50541	0.30	0101	96.0		0.0010<		0.0005<	268.0	0.0030	0.0020
840423	1050	71200	0.30	0103	62.0				0.0005<	130.0		0.0060
840425	1400	71203	0.30	0103	60.0				0.0005<	129.0		0.0050
	1520	50559	0.30	0101	62.0		0.0010<		0.0005	127.0	0.0100	0.0050
840427	1140	71206	0.30	0103	60.0				0.0005<	126.0		0.0050
840429	1500	71209	0.30	0103	57.0				0.0005<	121.0		0.0060
840502	1430	74445	0.30	0103	61.5				0.0002<	129.6		0.0030
	1500	71214	0.30	0103	57.0				0.0005<	126.0		0.0040
840504	1120	71217	0.30	0103	95.0				0.0005<	134.0		0.0050
840506	1450	71220	0.30	0103	86.0				0.0005<	132.0		0.0050
840508	1345	71223	0.30	0103	57.0				0.0005<	130.0		0.0050
840510	1100	71226	0.30	0103	56.0				0.0005<	129.0		0.0060
840512	1410	71229	0.30	0103	70.0				0.0005<	129.0		0.0050
840514	1130	71232	0.30	0103	64.0				0.0005<	133.0		0.0050
840516	1130	71235	0.30	0103	69.0				0.0005<	136.0		0.0040
840520	1445	71238	0.30	0103	76.0				0.0005<	154.0		0.0030
840522	1145	71241	0.30	0103	82.0				0.0010	149.0		0.0160
840525	1415	71244	0.30	0103	72.0				0.0005<	143.0		0.0070
840527	1300	71247	0.30	0103	65.0				0.0005<	135.0		0.0030
840529	1345	71250	0.30	0103	64.0				0.0005<	137.0		0.0030
840531	1040	71253	0.30	0103	65.0				0.0005<	142.0		0.0030
840603	1400	71256	0.30	0103	74.0				0.0005<	159.0		0.0040
840605	0935	50577	0.30	0101	85.0		0.0010<		0.0005<	145.0	0.0020<	0.0040
	1600	71259	0.30	0103	66.0				0.0005	152.0		0.0030
840608	1630	71262	0.30	0103	72.0				0.0005<	142.0		0.0140
840611	1120	71265	0.30	0103	70.0				0.0005<	135.0		0.0250
840613	1110	71268	0.30	0103	63.0				0.0005<	131.0		0.0060
840615	1030	71271	0.30	0103	59.0				0.0005<	130.0		0.0050
840617	1420	71274	0.30	0103	60.0				0.0005<	133.0		0.0050
840619	1045	71277	0.30	0103	60.0				0.0005<	126.0		0.0040
840621	1030	71280	0.30	0103	72.0				0.0005<	139.0		0.0020
840624	1045	71283	0.30	0103	74.0				0.0005<	144.0		0.0030
840627	0951	50595	0.30	0101	76.0		0.0010<		0.0005<	150.0	0.0030	0.0010<
	1830	71286	0.30	0103	69.0				0.0010	158.0		0.0010
840629	1000	71289	0.30	0103	78.0				0.0010	160.0		0.0010
840702	2000	71292	0.30	0103	75.0				0.0005<	157.0		0.0010
840715	1820	71295	0.30	0103	79.0				0.0005<	158.0		0.0690
840726	1040	71298	0.30	0103	80.0				0.0005<	167.0		0.0030

(C O N T D)

B.O.M./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALKTI	ASUT	BOD5	CDUT	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALK INFLECTN POINT MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840731	0835	50613	0.30	0101		79.0				172.0		
840812	1435	71301	0.30	0103	82.0				0.0005<	174.0		0.0020
840829	0935	50631	0.30	0101	92.0		0.0010<			193.0	0.0020<	0.0023
840830	1210	71304	0.30	0103	93.0				0.0005<	191.0		0.0033
840910	1240	71307	0.30	0103	133.0				0.0005<	255.0		0.0034
840922	1250	71310	0.30	0103	132.0				0.0005<	257.0		0.0020
840925	1040	50647	0.30	0101	94.0		0.0010<			197.0	0.0020<	0.0010
841002	1130	71313	0.30	0103	101.0					212.0		0.0022
841009	1610	71316	0.30	0103	100.0				0.0005<	209.0		0.0033
841018	1115	71319	0.30	0103					0.0005<			0.0028
841024	1500	71322	0.30	0103	78.0				0.0005<	178.0		0.0024
841029	1330	50663	0.30	0101	82.0		0.0010	220.00		167.0	0.0095	0.0050
841104	1545	71325	0.30	0101								0.0033
841126	1400	50678	0.30	0101	78.0		0.0010<	110.00		177.0	0.0060	0.002
841217	1300	50693	0.30	0101	58.0		0.0010			138.0	0.0050	0.0040
		MAXIMUM	0.30		133.0	79.0	0.0040	220.00	0.0010	268.0	0.0600	0.0690
		ARITH MEAN	0.30		76.0	79.0	0.0020	165.00	0.0008	157.2	0.0127	0.006
		GEOM MEAN			74.4			155.56		154.0		
		MINIMUM	0.30		56.0	79.0	0.0010	110.00	0.0005	121.0	0.0030	0.0010
		STD DEV (GEOM *)			17.1			77.78		34.8		
		# SAMP IN STATISTICS	55		52	1	3	2	6	53	8	53
		% SAMP (EXCLUDED)					72		87		27	1

*=INTERIM TEST-NAME:			DO	FCMF FECAL	FSMF FECAL	FWFLOW	FWPH	FWSTPC	FWTEMP	HGUT	HGUT	NNOTFR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	COLIFORM MF CNT /100ML	STREPCUS MF CNT /100ML	STREAM FLOW M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L PHENOL	MERCURY UNF.TOT. UG/L AS HG	NO2+NO3N FIL.REAC MG/L AS N
840124	1510	50505	13.0			4.380	7.5	4	0.5		0.050<	
840222	1420	50523	11.3			6.070	7.6	4	1.0		0.060	
840328	1400	50541	12.0			4.950	7.5	4	1.0		0.050<	
840423	1050	71200				56.500					0.050<	
840425	1400	71203				60.200						
	1520	50559	11.8			60.200	7.3	3	4.5		0.050<	
840427	1140	71206				62.100					0.050<	
840429	1500	71209				79.900						
840502	1430	74445				51.600				0.010<		0.105

(CONTD)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DO DISOLVED OXYGEN MG/L AS O	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L PHENOL	HGUT MERCURY UNF.TOT. UG/L AS HG	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
840502	1500	71214				51.600					0.050<	
840504	1120	71217				50.100						
840506	1450	71220				52.800					0.050<	
840508	1345	71223				55.400						
840510	1100	71226				57.800					0.050<	
840512	1410	71229				46.300						
840514	1130	71232				37.800					0.050<	
840516	1130	71235				30.500						
840520	1445	71238				23.700					0.050<	
840522	1145	71241				36.600						
840525	1415	71244				46.600					0.050<	
840527	1300	71247				39.100						
840529	1345	71250				31.300					0.050<	
840531	1040	71253				26.600						
840603	1400	71256				40.200					0.050<	
840605	0935	50577	10.7	48	16	32.000	7.3		17.5		0.050<	
	1600	71259				32.000						
840608	1630	71262				71.100					0.050<	
840611	1120	71265				124.000						
840613	1110	71268				90.700					0.050<	
840615	1030	71271				70.700						
840617	1420	71274				55.500					0.050<	
840619	1045	71277				44.600						
840621	1030	71280				35.100					0.050<	
840624	1045	71283				26.600						
840627	0951	50595	9.5			22.500	7.5	3	16.0		0.050<	
	1830	71286				22.500						
840629	1000	71289				22.600					0.050<	
840702	2000	71292				19.500						
840715	1820	71295				23.000					0.050<	
840726	1040	71298				14.100						
840731	0835	50613	8.6			11.500	7.8		18.0			
840812	1435	71301				15.400					0.050<	
840829	0935	50631	8.6			6.490	7.7		17.0		0.050<	
840830	1210	71304				6.330						
840910	1240	71307				5.540					0.050<	
840922	1250	71310				4.320					0.050<	
840925	1040	50647	12.1			5.600	7.5		9.0	0.050<		
841002	1130	71313				5.210						
841009	1610	71316				4.940					0.050<	

(CONTD)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

*=INTERIM TEST-NAME:			DO	FCMF FECAL COLIFORM MF	FSMF FECAL STREPCUS MF	FWFLOW STREAM FLOW	FWPH	FWSTRC	FWTEMP	HGUT MERCURY UNF.TOT.	HGUT MERCURY UNF.TOT.	NNOTFR NO2+NO3N FIL.REAC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	CNT /100ML	CNT /100ML	M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C	UG/L PHENOL	UG/L AS HG	MG/L AS N
841018	1115	71319				6.820						
841024	1500	71322				11.300					0.050<	
841029	1330	50663	11.7			26.500	7.7		5.0		0.050<	
841104	1545	71325				20.900						
841126	1400	50678	15.1			10.500	7.7	4	0.5		0.050<	
841217	1300	50693	14.7			52.200	7.1	4	0.1		0.050	
		MAXIMUM	15.1	48	16	124.000	7.8		18.0		0.060	0.105
		ARITH MEAN	11.6	48	16	34.770	7.5		7.5		0.055	0.105
		GEOM MEAN	11.4			24.790	7.5		2.9			
		MINIMUM	8.6	48	16	4.320	7.1		0.1		0.050	0.105
		STD DEV (GEOM *)	2.1			25.381	0.2		7.6			
		# SAMP IN STATISTICS	12	1	1	55	12		12		2	1
		% SAMP (EXCLUDED)									93	

*=INTERIM TEST-NAME:			NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	PBUT LEAD UNF.TOT.		PH	PPO4FR PO4 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	PSAMF PSEUDOMN AERUG. MF	P1ALDR	P1BHCA BHC	P1BHCB BHC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS N	MG/L AS N	MG/L AS PB		PH	MG/L AS P	MG/L AS P	CNT /100ML	ALDRIN NG/L	ALPHA NG/L	BETA NG/L
840124	1510	50505			0.043		7.60	0.005	0.060				
840222	1420	50523			0.020		7.80	0.010	1.200				
840328	1400	50541			0.003	<	7.90	0.003	0.050				
840423	1050	71200			0.007		8.10		0.140				
840425	1400	71203			0.004		8.10		0.160				
	1520	50559			0.003	<	8.10	0.017	0.130				
840427	1140	71206			0.007		8.10		0.180				
840429	1500	71209			0.008		8.20		0.230				
840502	1430	74445	0.0080	0.097	0.003	<	7.97	0.009	0.067				
	1500	71214		0.100	0.006		8.10	0.009	0.075				
840504	1120	71217		0.120	0.005		8.10	0.016	0.094				
840506	1450	71220		0.110	0.008		8.10	0.015	0.090				
840508	1345	71223		0.007	0.008		8.00	0.017	0.080				
840510	1100	71226		0.110	0.003		8.10	0.024	0.100				
840512	1410	71229		0.100	0.007		8.10	0.014	0.120				
840514	1130	71232		0.080	0.005		8.10	0.011	0.062				
840516	1130	71235		0.070	0.003		8.00	0.005	0.050				
840520	1445	71238		0.060	0.005		7.90	0.006	0.073				

(CONTD)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

*=INTERIM TEST-NAME:			NH02FR	NH03FR	PBUT	PH	PP04FR	PPUT	PSANF PSEUDOMN AERUG.	P1ALDR	P1BHCA	P1BHCB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	ALDRIN NG/L	BHC ALPHA NG/L	BHC BETA NG/L
840522	1145	71241		0.090	0.010	8.00	0.020	0.340				
840525	1415	71244		0.080	0.003	8.00	0.018	0.200				
840527	1300	71247		0.060	0.003 <	8.00	0.009	0.083				
840529	1345	71250		0.040	0.003 <	8.00	0.007	0.056				
840531	1040	71253		0.030	0.003 <	8.00	0.007	0.055				
840603	1400	71256		0.060	0.003 <	7.90	0.031	0.240				
840605	0935	50577			0.003 <	8.00	0.013	0.080	4<			
	1600	71259		0.040	0.003 <	8.00	0.013	0.083				
840608	1630	71262		0.070	0.009	8.00	0.061	0.560				
840611	1120	71265		0.040	0.009	8.10	0.110	0.520				
840613	1110	71268		0.030	0.011	8.00	0.026	0.230				
840615	1030	71271		0.040	0.008	8.00	0.020	0.150				
840617	1420	71274		0.030	0.010	8.00	0.014	0.110				
840619	1045	71277		0.030	0.008	8.00	0.013	0.100				
840621	1030	71280		0.020	0.005	8.00	0.007	0.073				
840624	1045	71283		0.020	0.006	8.00	0.004	0.052				
840627	0951	50595			0.003 <	8.00	0.005	0.035		1<W	3<T	1<W
	1830	71286		0.030	0.012	7.90	0.012	0.058				
840629	1000	71289		0.030	0.003 <	7.90	0.007	0.044				
840702	2000	71292		0.020	0.025	8.00	0.004	0.040				
840715	1820	71295		0.020	0.003 <	8.10	0.007	0.067				
840726	1040	71298		0.020	0.003 <	7.90	0.008	0.032				
840731	0835	50613				8.20	0.008	0.016				
840812	1435	71301		0.020	0.003 <	7.80	0.005	0.032				
840829	0935	50631			0.003 <	8.30	0.002	0.013		1<W	1<W	1<W
840830	1210	71304		0.010<	0.003	8.20	0.002	0.025				
840910	1240	71307		0.040	0.007	8.10	0.004	0.028				
840922	1250	71310		0.020	0.058	8.30	0.002	0.018				
840925	1040	50647			0.0045	8.10	0.003	0.015		1<W	1<W	1<W
841002	1130	71313		0.010	0.0045	8.10	0.003	0.014				
841009	1610	71316		0.010<	0.003	8.20	0.002	0.015				
841018	1115	71319		0.030	0.003 <		0.002	0.021				
841024	1500	71322		0.100	0.003 <	7.90	0.003	0.036				
841029	1330	50663			0.030 <	7.90	0.011	0.074		1<W	2<T	1<W
841104	1545	71325		0.140	0.150		0.005	0.071				
841126	1400	50678			0.003	7.90	0.003	0.021		1<W	1<W	1<W
841217	1300	50693			0.003 <	7.80	0.015	0.063				

(C O N T D)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

*=INTERIM TEST-NAME:			NNO2FR	NNO3FR	PBUT	PH	PPO4FR	PPUT	PSAMF PSEUDOMN AERUG.	P1ALDR	P1BHCA	P1BHCB
			NO2-N	NO3-N	LEAD		PO4	PHOSPHOR				
SAMPLE			FIL.REAC	FIL.REAC	UNF.TOT.		FIL.REAC	UNF.TOT.	MF		BHC	BHC
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L		MG/L	MG/L	CNT	ALDRIN	ALPHA	BETA
YYMMDD	LMT	NUMBER	AS N	AS N	AS PB	PH	AS P	AS P	/100ML	NG/L	NG/L	NG/L
		MAXIMUM	0.0080	0.140	0.150	8.30	0.110	1.200		1	3	1
		ARITH MEAN	0.0080	0.054	0.014	8.02	0.013	0.121		1<A	2<A	1<A
		GEOM MEAN				8.02	0.008	0.071		1<A	1<A	1<A
		MINIMUM	0.0080	0.007	0.003	7.60	0.002	0.013		1	1	1
		STD DEV (GEOM *)				0.13	0.017	0.184		0<A	1<A	0<A
		# SAMP IN STATISTICS	1	37	35	53	51	55		5	5	5
		% SAMP (EXCLUDED)		5	35							

*=INTERIM TEST-NAME:			P1BHCG	P1CHLA	P1CHLG	P1DIEL	P1DMDT	P1ENDR	P1ENDS	P1END1	P1END2	P1HEPE
												HEPTA
SAMPLE			BHC	CHLRDANE	CHLRDANE		DMDT		ENDOSULP	ENDOSULP	ENDOSULP	CHLOR
DATE	HOUR	SAMPLE	GAMMA	ALPHA	GAMMA	DIELDRIN	MTHXYLLR	ENDRIN	SULPHATE	I	II	EPOXIDE
YYMMDD	LMT	NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L
840627	0951	50595	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
840829	0935	50631	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
840925	1040	50647	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
841029	1330	50663	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
841126	1400	50678	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
		MAXIMUM	1	2	2	2	5	4	4	2	4	1
		ARITH MEAN	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A	4<A	1<A
		GEOM MEAN	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A	4<A	1<A
		MINIMUM	1	2	2	2	5	4	4	2	4	1
		STD DEV (GEOM *)	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
		# SAMP IN STATISTICS	5	5	5	5	5	5	5	5	5	5
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

*=INTERIM TEST-NAME:			P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSF	RSP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
840124	1510	50505									160.00	50.0
840222	1420	50523					20<W				200.00	1640.0
840328	1400	50541					20<W				195.00	35.0
840423	1050	71200										180.0
840425	1400	71203										200.0
	1520	50559					20<W				130.00	190.0
840427	1140	71206										220.0
840429	1500	71209										300.0
840502	1430	74445										110.1
	1500	71214										95.0
840504	1120	71217										120.0
840506	1450	71220										125.0
840508	1345	71223										190.0
840510	1100	71226										200.0
840512	1410	71229										150.0
840514	1130	71232										75.0
840516	1130	71235										50.0
840520	1445	71238										45.0
840522	1145	71241										600.0
840525	1415	71244										290.0
840527	1300	71247										95.0
840529	1345	71250										55.0
840531	1040	71253										55.0
840603	1400	71256										330.0
840605	0935	50577					20<W				130.00	100.0
	1600	71259										90.0
840608	1630	71262										830.0
840611	1120	71265										880.0
840613	1110	71268										330.0
840615	1030	71271										230.0
840617	1420	71274										140.0
840619	1045	71277										120.0
840621	1030	71280										75.0
840624	1045	71283										55.0
840627	0951	50595	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	125.00	35.0
	1830	71286										65.0
840629	1000	71289										40.0
840702	2000	71292										35.0
840715	1820	71295										80.0
840726	1040	71298										25.0
840731	0835	50613					20<W				130.00	10.0

(C O N T D)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

#=INTERIM TEST-NAME:			P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSF	RSP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
840812	1435	71301										15.0
840829	0935	50631	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	115.00	5.0
840830	1210	71304										30.0
840910	1240	71307										15.0
840922	1250	71310										10.0
840925	1040	50647	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	125.00	5.0
841002	1130	71313										9.0
841009	1610	71316										6.0
841018	1115	71319										15.0
841024	1500	71322										15.0
841029	1330	50663	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	140.00	80.0
841104	1545	71325										95.0
841126	1400	50678	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	60.00	15.0
841217	1300	50693					20<W				190.00	50.0
		MAXIMUM	1	5	2	5	20	5	1	5	200.00	1640.0
		ARITH MEAN	1<A	5<A	2<A	5<A	20<A	5<A	1<A	5<A	141.67	161.9
		GEOM MEAN	1<A	5<A	2<A	5<A	20<A	5<A	1<A	5<A	135.79	71.3
		MINIMUM	1	5	2	5	20	5	1	5	60.00	5.0
		STD DEV (GEOM #)	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	39.62	270.4
		# SAMP IN STATISTICS	5	5	5	5	11	5	5	5	12	55
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			RST	SIO3UR	TCMF	TCMFBK	X1HCBD	X2HCB	X2HCE	X2OCST	X2PNCB	X2T236
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	HXCHLORO BUTADINE NG/L	HCB NG/L	HCE NG/L	OCTCHLOR STYRENE NG/L	PENTA CHLORO BENZENE NG/L	2,3,6 TRCHLORO TOLUENE NG/L
840605	0935	50577			70C	3000						
840627	0951	50595					1<W	1<W	1<W	1<W	1<W	5<W
840731	0835	50613		1.700								
840829	0935	50631	120.00	1.700			1<W	1<W	1<W	1<W	1<W	5<W
840925	1040	50647	130.00	2.300			1<W	1<W	1<W	1<W	1<W	5<W
841029	1330	50663	80.00	2.500			1<W	1<W	1<W	1<W	1<W	5<W
841126	1400	50678	15.00	2.300			1<W	1<W	1<W	1<W	1<W	5<W
841217	1300	50693	240.00	2.400								

(C O N T D)

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02 001 2460

LAT: 48 48 04.22 LONG: 086 37 53.94 U T M: 16 0527050.0 5405200.0 4 REGION: 06 DISTANCE: 1.448

#=INTERIM TEST-NAME:			RST	SIO3UR	TCMF	TCMFBK	X1HCBD	X2HCB	X2HCE	X2OCST	X2PNCB	X2T236
					COLIFORM	COLIFORM						
SAMPLE				SILICATE	TOTAL	TOTAL MF					PENTA	2,3,6
DATE	HOUR	SAMPLE	RESIDUE	UNF.REAC	MF	BCKGRD	HXCHLORO			OCTCHLOR	CHLORO	TRCHLORO
YYMMDD	LMT	NUMBER	TOTAL MG/L	MG/L AS SI	CNT /100ML	CNT /100ML	BUTADINE NG/L	HCB NG/L	HCE NG/L	STYRENE NG/L	BENZENE NG/L	TOLUENE NG/L
		MAXIMUM	240.00	2.500	70	3000	1	1	1	1	1	5
		ARITH MEAN	117.00	2.150	70	3000	1<A	1<A	1<A	1<A	1<A	5<A
		GEOM MEAN	85.21	2.124			1<A	1<A	1<A	1<A	1<A	5<A
		MINIMUM	15.00	1.700	70	3000	1	1	1	1	1	5
		STD DEV (GEOM #)	82.28	0.356			0<A	0<A	0<A	0<A	0<A	0<A
		# SAMP IN STATISTICS	5	6	1	1	5	5	5	5	5	5
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			X2T245	X2T26A	X2123	X21234	X21235	X2124	X21245	X2135	ZNUT
			2,4,5	2,6,A	1,2,3	1,2,3,4	1,2,3,5	1,2,4	1,2,4,5	1,3,5	ZINC
SAMPLE			TRCHLORO	TRCHLORO	TRCHLORO	TECHLORO	TECHLORO	TRCHLORO	TECHLORO	TRCHLORO	UNF.TOT.
DATE	HOUR	SAMPLE	TOLUENE	TOLUENE	BENZENE	BENZENE	BENZENE	BENZENE	BENZENE	BENZENE	MG/L
YYMMDD	LMT	NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	AS ZN
840124	1510	50505									0.0220
840222	1420	50523									0.0880
840328	1400	50541									0.0110
840425	1520	50559									0.0110
840605	0935	50577									0.0030
840627	0951	50595	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W	0.0030
840829	0935	50631	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W	0.0010
840925	1040	50647	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W	0.0014
841002	1130	71313									0.0032
841029	1330	50663	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W	0.0074
841126	1400	50678	5<W	5<W	5<W	1<W	1<W	5<W	1<W	5<W	0.0010
841217	1300	50693									0.0070
		MAXIMUM	5	5	5	1	1	5	1	5	0.0880
		ARITH MEAN	5<A	5<A	5<A	1<A	1<A	5<A	1<A	5<A	0.0132
		GEOM MEAN	5<A	5<A	5<A	1<A	1<A	5<A	1<A	5<A	0.0053
		MINIMUM	5	5	5	1	1	5	1	5	0.0010
		STD DEV (GEOM #)	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0.0243
		# SAMP IN STATISTICS	5	5	5	5	5	5	5	5	12
		% SAMP (EXCLUDED)									

B.O.W./ SITE: DEAD HORSE CREEK
SAMPLE POINT: AT HIGHWAY NO.17
STATION TYPE: RIVER

STATION ID: 01-0068-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: DEAD HORSE CREEK

STORET CODE: 02
001
2490

LAT: 48 49 06.34 LONG: 086 41 12.09 U T M: 16 0523000.0 5407100.0 4 REGION: 06 DISTANCE: 2.253

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ALUT	ASUT	BOD5	CDUT	CLIDUR	COLAP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU
840124	1635	50504	0.30	0101	0.600	37.0		0.0035	1.90	0.0005<	1.300	103.000
840222	1315	50522	0.30	0101	0.300	20.0		0.0010<	1.10	0.0005<	0.500	
840327	1335	50540	0.30	0101	2.000	40.0		0.0010<	1.10	0.0005<	1.500	87.000
840425	1505	50558	0.30	0101	3.000	17.0		0.0010<	0.90	0.0005<	0.300	
840605	0945	50576	0.30	0101	2.000	21.0		0.0010<	0.60	0.0005	0.200	
840627	1005	50594	0.30	0101	0.200	30.0		0.0010<	0.60	0.0005<	0.300	95.000
840731	0855	50612	0.30	0101	2.000	37.0	0.120	0.0010<	0.50	0.0005<	0.500	92.000
840829	0955	50630	0.30	0101	2.000	44.0		0.0010<	0.70	0.0005<	0.400	99.000
840924	1620	50646	0.30	0101	2.000	35.0		0.0010	0.70	0.0005<	0.700	
		MAXIMUM	0.30		3.000	44.0	0.120	0.0035	1.90	0.0005	1.500	103.000
		ARITH MEAN	0.30		1.567	31.2	0.120	0.0022	0.90	0.0005	0.633	95.200
		GEOM MEAN			1.148	29.7			0.83		0.513	95.039
		MINIMUM	0.30		0.200	17.0	0.120	0.0010	0.50	0.0005	0.200	87.000
		STD DEV (GEOM *)			0.962	9.7			0.43		0.461	6.181
		# SAMP IN STATISTICS	9		9	9	1	2	9	1	9	5
		% SAMP (EXCLUDED)						77		88		

*=INTERIM TEST-NAME:			COLTR	COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FMPH	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.
840124	1635	50504		99.0	0.0020<	0.0020	0.0030	11.6	4<	0.3400	7.2	4
840222	1315	50522	109.000	65.0	0.0020<	0.0020<	0.0030	12.4	4<	0.2400	6.8	
840327	1335	50540		102.0	0.0020	0.0020<	0.0010	12.4	4<	0.3000	6.3	4
840425	1505	50558	115.000	43.0	0.0020	0.0020<	0.0010	11.0	4	0.320	6.7	3
840605	0945	50576	117.000	59.0	0.0020<	0.0020<	0.0020	10.7	16	0.2700		
840627	1005	50594		75.0	0.0020<	0.0020<	0.0010<	8.9	16	0.2300	7.4	
840731	0855	50612		90.0	0.0020<	0.0030	0.0010	6.2	4<	0.2500	7.5	
840829	0955	50630		104.0	0.0020<	0.0020<	0.0013	8.1	4<	0.2400	7.7	
840924	1620	50646	113.000	87.0	0.0020<	0.0060	0.0022	10.8	4<	0.4700	7.4	
		MAXIMUM	117.000	104.0	0.0020	0.0060	0.0030	12.4	16	0.4700	7.7	
		ARITH MEAN	113.500	80.4	0.0020	0.0037	0.0018	10.2	12	0.296	7.2	
		GEOM MEAN	113.461	77.6				10.0		0.288	7.2	
		MINIMUM	109.000	43.0	0.0020	0.0020	0.0010	6.2	4	0.2300	6.7	
		STD DEV (GEOM *)	3.416	21.3				2.1		0.076	0.4	
		# SAMP IN STATISTICS	4	9	2	3	8	9	3	9	8	
		% SAMP (EXCLUDED)			77	66	11		66			

(C O N T D)

B.O.W./ SITE: DEAD HORSE CREEK
SAMPLE POINT: AT HIGHWAY NO.17
STATION TYPE: RIVER

STATION ID: 01-0068-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: DEAD HORSE CREEK

STORET CODE: 02
001
2490

LAT: 48 49 06.34 LONG: 086 41 12.09 U T M: 16 0523000.0 5407100.0 4 REGION: 06 DISTANCE: 2.253

*=INTERIM TEST-NAME:			FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
							NH3-N			K'DAHL N		
SAMPLE			WATER	HARDNESS	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL	LEAD	
DATE	HOUR	SAMPLE	TEMP	TOTAL	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.	
YYMMDD	LMT	NUMBER	DEG.C	MG/L AS CACO3	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH
840124	1635	50504	1.0	45.000	0.011	0.002 <	0.040	0.004	0.200	0.560	0.013	7.10
840222	1315	50522	1.0	31.000	0.017	0.002	0.040	0.006	0.420	0.500	0.002	7.20
840327	1335	50540	0.5	49.000	0.011	0.002 <	0.040	0.004	0.320	0.560	0.003 <	7.50
840425	1505	50558	5.0	22.000	0.030	0.002 <	0.020	0.004	0.080	0.370	0.003 <	7.30
840605	0945	50576	13.0	30.000	0.013	0.002	0.010<	0.005	0.060	0.370	0.003 <	7.40
840627	1005	50594	15.0	42.000	0.021	0.002 <	0.010<	0.005	0.030	0.350	0.003 <	7.60
840731	0855	50612	15.0	51.000	0.029	0.002	0.060	0.006	0.050	0.380	0.003 <	7.70
840829	0955	50630	16.0	54.000	0.018	0.002 <	0.010	0.005	0.050	0.370	0.003 <	7.80
840924	1620	50646	9.0	42.000	0.024	0.0025	0.010	0.005	0.040	0.380	0.0030	7.60
		MAXIMUM	16.0	54.000	0.030	0.0025	0.060	0.006	0.420	0.560	0.013	7.80
		ARITH MEAN	8.4	40.667	0.019	0.002	0.031	0.005	0.139	0.427	0.006	7.47
		GEOM MEAN	4.7	39.212	0.018			0.005	0.090	0.419		7.46
		MINIMUM	0.5	22.000	0.011	0.002	0.010	0.004	0.030	0.350	0.002	7.10
		STD DEV (GEOM *)	6.6	10.794	0.007			0.001	0.143	0.087		0.23
		# SAMP IN STATISTICS	9	9	9	4	7	9	9	9	3	9
		% SAMP (EXCLUDED)				55	22				66	

*=INTERIM TEST-NAME:			PPO4FR	PPUT	RSF	RSP	RST	SSO4UR	TCHF	TCHFBK	TURB	ZNUT
									COLIFORM	COLIFORM		
			PO4	PHOSPHOR				SULPHATE	TOTAL	TOTAL MF		ZINC
SAMPLE			FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	RESIDUE	UNF.REAC	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L	FILTERED	PARTIC.	TOTAL	MG/L	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS P	AS P	MG/L	MG/L	MG/L	AS SO4	/100ML	/100ML	FTU	AS ZN
840124	1635	50504	0.002	0.013	96.00	4.00	100.00	9.100	20AID	190	1.50	0.0080
840222	1315	50522	0.001	0.018	94.00	1.00	95.00	6.700	90AID	2000	1.10	0.0040
840327	1335	50540	0.002	0.029	84.00	1.00	85.00	7.900	40AID	60AID	1.50	0.0040
840425	1505	50558	0.001	0.014	47.00	3.00	50.00	3.800	110AID	300	1.60	0.0050
840605	0945	50576	0.001	0.015	63.00	2.00	65.00	4.400	290	1800	1.60	0.0030
840627	1005	50594	0.001	0.010	74.00	1.00	75.00	4.300	530	2000	1.30	0.0030
840731	0855	50612	0.001	0.012		1.00	75.00	4.080	20AID	140	0.85	0.0030
840829	0955	50630	0.001	0.009		1.00	90.00	4.080	40AID	60AID	0.65	0.0012
840924	1620	50646	0.002	0.018		2.00	80.00	4.190	1400		2.20	0.0064
		MAXIMUM	0.002	0.029	96.00	4.00	100.00	9.100	1400	2000	2.20	0.0080
		ARITH MEAN	0.001	0.015	76.33	1.78	79.44	5.394	282	819	1.37	0.0042
		GEOM MEAN	0.001	0.014	74.14	1.54	77.95	5.119	104	346	1.29	0.0037
		MINIMUM	0.001	0.009	47.00	1.00	50.00	3.800	20	60	0.65	0.0012
		STD DEV (GEOM *)	0.000	0.006	18.98	1.09	15.50	1.980	4*	5*	0.46	0.0020
		# SAMP IN STATISTICS	9	9	6	9	9	9	9	8	9	9
		% SAMP (EXCLUDED)										

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0074-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK

STORET CODE: 02
001
2620

LAT: 48 49 48.27 LONG: 087 04 28.55 U T M: 16 0494525.0 5408350.0 4 REGION: 06 DISTANCE: 13.196

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CAUR	CDUT	CLIDUR	COLAP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CALCIUM UNF.REAC MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU
840124	1700	50503	0.30	0101	13.000	174.0	0.0010<	120.00			194.000	
840222	1310	50521	0.30	0101	25.000	80.0		170.00			344.000	
840327	1250	50539	0.30	0101	18.000	195.0	0.0031	270.00			306.000	
840425	1435	50557	0.30	0101	36.000	238.0	0.0013	180.00			223.000	1437.00
840605	1022	50575	0.30	0101	42.000	16.0		160.00			331.000	
840627	1050	50593	0.30	0101	0.000	320.0		160.00			240.000	
840730	1245	50611	0.30	0101	37.000	116.0	0.0020	135.00			299.000	
840829	1035	50629	0.30	0101	20.000	71.0	0.0010<	160.00		0.0050<	321.000	
840924	1545	50645	0.30	0101	34.000	58.0	0.0014	170.00		0.0050<	361.000	
841029	1255	50662	0.30	0101	38.000	83.0	0.0025	210.00	40.000	0.0050<	393.000	
841126	1315	50677	0.30	0101	39.000	98.0	0.0032	190.00		0.0005<	422.000	
841217	1215	50692	0.30	0101		60.0	0.0010<	150.00		0.0005<	270.000	
		MAXIMUM	0.30		42.000	320.0	0.0032	270.00	40.000		422.000	1437.00
		ARITH MEAN	0.30		27.455	125.7	0.0022	172.92	40.000		308.667	1437.00
		GEOM MEAN				97.9		169.38			301.369	
		MINIMUM	0.30		0.000	16.0	0.0013	120.00	40.000		194.000	1437.00
	STD DEV (GEOM *)					88.5		38.64			68.352	
	# SAMP IN STATISTICS		12		11	12	6	12	1		12	1
	% SAMP (EXCLUDED)						33					

*=INTERIM TEST-NAME:			COLTR	COND25	COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
840124	1700	50503	1238.00	1160.0				5.2		5900000	3.3000	7.5
840222	1310	50521	1572.00	1445.0				0.4		4600000	0.5400	6.9
840327	1250	50539	1810.00	1710.0				3.1		400000AID	1.4000	7.5
840425	1435	50557		1360.0				0.5		100000AID	1.900	7.6
840605	1022	50575	932.000	1340.0				3.5		1500000>	1.1000	5.2
840627	1050	50593	1888.00	1680.0				3.3		100AID	0.8000	10.3
840730	1245	50611	1127.00	1299.0				0.3		1300000	0.7500	7.2
840829	1035	50629	1378.00	1398.0	0.0200<	0.0200<	0.0240	2.2		3200000C	0.8800	7.2
840924	1545	50645	1776.00	1690.0	0.0200<	0.0200<	0.0400	1.0		2300000	0.9100	7.3
841029	1255	50662	1789.00	1780.0	0.0200<	0.1000	0.0230	0.2			2.1000	6.5
841126	1315	50677	1756.00	1910.0	0.002 <	0.100 <	0.003	0.2	1000<		1.1000	6.9
841217	1215	50692	1139.00	1270.0	0.002 <	0.100 <	0.003	5.8			0.9300	6.7

(C O N T D)

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0074-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK

STORET CODE: 02 001 2620

LAT: 48 49 46.27 LONG: 087 04 28.55 U T M: 16 0494525.0 5408350.0 4 REGION: 06 DISTANCE: 13.196

#=INTERIM TEST-NAME:			COLTR	COND25	COUT	CRUT	CUUT	DO	ECNF	FCNF	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
		MAXIMUM	1888.00	1910.0		0.1000	0.0400	5.8		5900000	3.3000	10.3
		ARITH MEAN	1491.36	1503.5		0.1000	0.019	2.1		2225012	1.309	7.2
		GEOM MEAN	1453.49	1486.4			0.011	1.2			1.151	7.2
		MINIMUM	932.000	1160.0		0.1000	0.003	0.2		100	0.5400	5.2
		STD DEV (GEOM #)	339.388	238.6			0.016	2.0			0.780	1.2
		# SAMP IN STATISTICS	11	12		1	5	12		8	12	12
		% SAMP (EXCLUDED)				80				11		

#=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	HGUT	KKUR	MGUR	MNUT	NAUR	NIUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MERCURY UNF.TOT. MG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI
840124	1700	50503	0	24.0	100.000	0.100<				0.250		
840222	1310	50521	9	28.0		0.100<				0.340		
840327	1250	50539	9	29.0		0.100<				0.430		
840425	1435	50557	9 3	28.0		0.100<				0.220		
840605	1022	50575	9	25.5	120.000	0.100<				0.450		
840627	1050	50593	9	29.0	72.000	0.100<				0.130		
840730	1245	50611	9	36.5	117.000	0.100<				0.320		
840829	1035	50629	9	37.0	103.000	0.100<				0.260		0.020<
840924	1545	50645	9	32.0	121.000	0.100<				0.420		0.020<
841029	1255	50662	9	28.5	123.000	0.050<		3.50	5.600	3.700	380.000	0.025
841126	1315	50677	9	30.5	119.000	0.010<				0.041		0.010
841217	1215	50692	9 3	18.0	91.000		0.100<			0.031		0.005
		MAXIMUM		37.0	123.000			3.50	5.600	3.700	380.000	0.025
		ARITH MEAN		28.8	107.333			3.50	5.600	0.549	380.000	0.013
		GEOM MEAN		28.4	105.920					0.255		
		MINIMUM		18.0	72.000			3.50	5.600	0.031	380.000	0.005
		STD DEV (GEOM #)		5.1	17.357					1.002		
		# SAMP IN STATISTICS		12	9			1	1	12	1	3
		% SAMP (EXCLUDED)										40

(C O N T D)

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0074-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK
STORET CODE: 02 001 2620

LAT: 48 49 48.27 LONG: 087 04 28.55 U T M: 16 0494525.0 5408350.0 4 REGION: 06 DISTANCE: 13.196

*=INTERIM TEST-NAME:			NNTKUR K'DAHL N TOTAL	PBUT LEAD	PH	PPUT	PSAMF PSEUDOMN AERUG.	RSF	RSP	RST	SIO3UR	SSO4UR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	SULPHATE UNF.REAC MG/L AS SO4
840124	1700	50503	2.100		7.30	0.250			50.00	960.00		95.000
840222	1310	50521	2.700		6.70	0.240	100<		40.00	1200.00		57.000
840327	1250	50539	2.700		7.10	0.440			140.00	1560.00		74.000
840425	1435	50557	3.000		7.10	0.320			45.00	1170.00		98.000
840605	1022	50575	2.400		5.30	0.340	150000>		70.00	1170.00		75.000
840627	1050	50593	3.400		10.20	0.760			100.00	1490.00		8.600
840730	1245	50611	3.500		6.90	0.410			60.00	1170.00		9.360
840829	1035	50629	1.700	0.030 <	7.00	0.280			75.00	1210.00		144.000
840924	1545	50645	2.600	0.0030<	6.50	0.560			80.00	1480.00		118.000
841029	1255	50662	2.400	0.0300<	6.80	0.370	1000<	1410.00	50.00	1460.00	3.000	87.000
841126	1315	50677	3.800	0.010	6.80	0.610	7000C		95.00	1600.00	2.800	131.000
841217	1215	50692	1.600	0.050	6.80	0.300	4000AID		60.00	1120.00	2.900	77.000
		MAXIMUM	3.800	0.050	10.20	0.760	7000	1410.00	140.00	1600.00	3.000	144.000
		ARITH MEAN	2.658	0.030	7.04	0.407	5500	1410.00	72.08	1299.17	2.900	81.163
		GEOM MEAN	2.574		6.97	0.381			67.56	1284.07	2.899	62.474
		MINIMUM	1.600	0.010	5.30	0.240	4000	1410.00	40.00	960.00	2.800	8.600
		STD DEV (GEOM *)	0.686		1.12	0.161			28.64	206.37	0.100	42.006
		# SAMP IN STATISTICS	12	2	12	12	2	1	12	12	3	12
		% SAMP (EXCLUDED)		60			60					

*=INTERIM TEST-NAME:			TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840124	1700	50503	170E+05	250E+06	5.10	
840222	1310	50521	390E+05	480E+05	3.10	
840327	1250	50539	2000000C	300E+06	18.00	
840425	1435	50557	3600000	200E+05	5.10	
840605	1022	50575	150E+05>	100E+06>	6.40	
840627	1050	50593	150000>	1000000>	21.00	
840730	1245	50611	6200000	4600000	13.00	
840829	1035	50629	150E+06>	100E+07>	14.00	0.054
840924	1545	50645	130E+05		18.00	0.097
841029	1255	50662	170E+05		14.00	0.120
841126	1315	50677	130E+05		17.00	0.071
841217	1215	50692	180000		16.00	0.054

(C O N T D)

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0074-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK

STORET CODE: 02
001
2620

LAT: 48 49 48.27 LONG: 087 04 28.55 U T M: 16 0494525.0 5408350.0 4 REGION: 06 DISTANCE: 13.196

*=INTERIM TEST-NAME:			TCHF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	CNT /100ML	TURB'ITY FTU	MG/L AS ZN
		MAXIMUM	390E+05	300E+06	21.00	0.120
		ARITH MEAN	123E+05	124E+06	12.56	0.079
		GEOM MEAN			10.77	0.075
		MINIMUM	180000	4600000	3.10	0.054
		STD DEV (GEOM *)			6.07	0.029
		# SAMP IN STATISTICS	9	5	12	5
		% SAMP (EXCLUDED)	25	37		

B.O.W./ SITE: NIPIGON RIVER
SAMPLE POINT: AT BRIDGE CAMERON FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02AD008

STATION ID: 01-0090-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STORET CODE: 02 001

LAT: 49 09 02.86 LONG: 088 20 52.80 U T M: 16 0401700.0 5444875.0 4 REGION: 06 DISTANCE: 18.990

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ALUT	ASUT	BOD5	CDUT	CLIDUR	COLAP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU
840125	1125	50501	0.30	0101		75.0	0.020	0.0010<	0.40	0.0005	0.900	12.000
840222	1045	50519	0.30	0101		76.0	0.010<		0.20	0.0005<	0.800	10.000
840327	1000	50537	0.30	0101		73.0	0.010<		0.60	0.0005<	0.900	10.000
840425	1100	50555	0.30	0101		72.0	0.010<	0.0010	0.70	0.0005<	1.000	14.000
840605	1257	50573	0.30	0101		67.0	0.020		0.30	0.0005	0.900	14.000
840626	0945	50591	0.30	0101		68.0	0.039		0.50	0.0005<	0.800	14.000
840730	0920	50609	0.30	0101	2.000	67.0	0.034	0.0014	0.20	0.0005<	0.900	14.000
840829	1440	50627	0.30	0101	2.000	69.0	0.010<		0.50	0.0005<	0.900	17.000
840924	1305	50643	0.30	0101	2.000	68.0			0.20	0.0005<	0.800	15.000
		MAXIMUM	0.30		2.000	76.0	0.039	0.0014	0.70	0.0005	1.000	17.000
		ARITH MEAN	0.30		2.000	70.6	0.028	0.0012	0.40	0.0005	0.878	13.333
		GEOM MEAN			2.000	70.5			0.36		0.876	13.150
		MINIMUM	0.30		2.000	67.0	0.020	0.0010	0.20	0.0005	0.800	10.000
		STD DEV (GEOM *)			0.000	3.5			0.19		0.067	2.291
		# SAMP IN STATISTICS	9		3	9	4	2	9	2	9	9
		% SAMP (EXCLUDED)					50	33		77		

*=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWFLOW	FWPH	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	PH FIELD	STREAM COND.
840125	1125	50501	156.0	0.0020<	0.0030	0.0030	12.6	4<	0.0250	331.000	6.8	
840222	1045	50519	157.0	0.0020<	0.0020<	0.0020	12.8	4<	0.0210	340.000	7.5	
840327	1000	50537	158.0	0.0020<	0.0020<	0.0010<	12.6	4<	0.0150	363.000	7.4	
840425	1100	50555	148.0	0.0020<	0.0020<	0.0020	13.8		0.0170	308.000	7.0	3
840605	1257	50573	142.0	0.0020<	0.0020<	0.0020	14.8	4<	0.0220	300.000	7.6	
840626	0945	50591	144.0	0.0020<	0.0020<	0.0030	11.2	4<		338.000	7.7	3
840730	0920	50609	141.0	0.0020	0.0020<	0.0010	9.1	8	0.0390	393.000	8.0	3
840829	1440	50627	150.0	0.0020<	0.0020<	0.0023	9.8	12	0.0300	384.000	8.0	
840924	1305	50643	143.0	0.0020<	0.0020	0.0010	9.5	4	0.0650	383.000	7.8	
		MAXIMUM	158.0	0.0020	0.0030	0.0030	14.8	12	0.0650	393.000	8.0	
		ARITH MEAN	148.8	0.0020	0.0025	0.0020	11.8	8	0.0292	348.889	7.5	
		GEOM MEAN	148.6				11.6		0.0262	347.423	7.5	
		MINIMUM	141.0	0.0020	0.0020	0.0010	9.1	4	0.0150	300.000	6.8	
		STD DEV (GEOM *)	6.8				2.0		0.0163	33.766	0.4	
		# SAMP IN STATISTICS	9	1	2	8	9	3	8	9	9	
		% SAMP (EXCLUDED)		88	77	11		62				

(C O N T D)

B.O.W./ SITE: NIPIGON RIVER STATION ID: 01-0090-001-02
SAMPLE POINT: AT BRIDGE CAMERON FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02AD008 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE SUPERIOR 001

LAT: 49 09 02.86 LONG: 088 20 52.80 U T M: 16 0401700.0 5444875.0 4 REGION: 06 DISTANCE: 18.990

*=INTERIM TEST-NAME:			FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH
840125	1125	50501	1.0	78.000	0.001	0.002<	0.010<	0.001<	0.080	0.190	0.003	7.70
840222	1045	50519	0.5	78.000	0.001	0.002<	0.030	0.002	0.080	0.180	0.003	8.00
840327	1000	50537	0.5	75.000	0.001	0.003	0.010<	0.001<	0.090	0.570	0.003<	8.10
840425	1100	50555	2.5	77.000	0.002	0.003	0.020	0.001<	0.070	0.240	0.003<	8.00
840605	1257	50573	8.0	70.000	0.003	0.002	0.010<	0.001	0.060	0.220	0.003<	8.00
840626	0945	50591	10.0	78.000		0.002	0.010<	0.002	0.030	0.250	0.003<	8.10
840730	0920	50609	17.0	77.000	0.004	0.002	0.010<	0.001	0.010	0.220	0.003<	8.20
840829	1440	50627	18.0	74.000	0.040	0.004	0.010<	0.001	0.010<	0.220	0.003<	8.10
840924	1305	50643	12.0	77.000	0.003	0.002<	0.010<	0.001	0.030	0.200	0.003	8.00
		MAXIMUM	18.0	78.000	0.040	0.004	0.030	0.002	0.090	0.570	0.003	8.20
		ARITH MEAN	7.7	76.000	0.007	0.003	0.025	0.001	0.056	0.254	0.003	8.02
		GEOM MEAN	7.8	75.958	0.003					0.238		8.02
		MINIMUM	0.5	70.000	0.001	0.002	0.020	0.001	0.010	0.180	0.003	7.70
		STD DEV (GEOM *)	7.0	2.646	0.013					0.120		0.14
		# SAMP IN STATISTICS	9	9	8	6	2	6	8	9	3	9
		% SAMP (EXCLUDED)				33	77	33	11		66	

*=INTERIM TEST-NAME:			PPO4FR	PPUT	RSP	RST	SSO4UR	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SULPHATE UNF.REAC MG/L AS SO4	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840125	1125	50501	0.003	0.006	1.00	95.00	2.900	10<	10<	0.50	0.0010<
840222	1045	50519	0.003	0.005	1.00	95.00	2.400	10<	10<	0.40	0.0010<
840327	1000	50537	0.003	0.005	1.00	100.00	3.000	10<	10<	0.35	0.0010<
840425	1100	50555	0.001<	0.011	1.00	95.00	2.800			0.35	0.0010<
840605	1257	50573	0.001	0.007	1.00	95.00	2.800	10AID	20AID	0.45	0.0010<
840626	0945	50591	0.001	0.005	1.00	90.00	2.600	10<	50AID	0.45	0.0010<
840730	0920	50609	0.001	0.010	1.00	100.00	2.650	900AID	3100	0.45	0.0010
840829	1440	50627	0.001	0.008	1.00	95.00	2.760	900AID	2000	0.40	0.0010
840924	1305	50643	0.001<	0.008	1.00	95.00	2.590	10AID		0.40	0.0010
		MAXIMUM	0.003	0.011	1.00	100.00	3.000	900	3100	0.50	0.0010
		ARITH MEAN	0.002	0.007	1.00	95.56	2.722	455	1293	0.42	0.0010
		GEOM MEAN		0.007	1.00	95.51	2.717			0.41	
		MINIMUM	0.001	0.005	1.00	90.00	2.400	10	20	0.35	0.0010
		STD DEV (GEOM *)		0.002	0.00	3.00	0.182			0.05	
		# SAMP IN STATISTICS	7	9	9	9	9	4	4	9	3
		% SAMP (EXCLUDED)	22					50	42		66

B.O.N./ SITE: NIPIGON RIVER
SAMPLE POINT: AT HIGHWAY 17, NIPIGON
STATION TYPE: RIVER

STATION ID: 01-0090-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 49 01 11.56 LONG: 088 15 02.77 U T M: 16 0408550.0 5430200.0 4 REGION: 06 DISTANCE: 9.656

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	COLAP	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840125	1040	50502	0.30	0101	75.0	0.001 <		0.0005<	12.000	159.0	0.0020<	0.0020
840222	1035	50520	0.30	0101	71.0	0.0010<		0.0005<	9.000	157.0	0.0020<	0.0020
840327	1035	50538	0.30	0101	74.0	0.0010<		0.0006	12.000	159.0	0.0020<	0.0020
840425	1135	50556	0.30	0101	70.0	0.0012		0.0005<	18.000	147.0	0.0020<	0.0030
840605	1230	50574	0.30	0101	67.0	0.0010<		0.0005<	16.000	143.0	0.0020<	0.0020
840626	1009	50592	0.30	0101	67.0	0.0010		0.0005<	17.000	144.0	0.0020<	0.0020
840731	1250	50610	0.30	0101	67.0	0.0010<	0.30	0.0005<	14.000	136.0	0.0020	0.0010
840829	1410	50628	0.30	0101	70.0	0.0010<	0.50	0.0005<	17.000	152.0	0.0020<	0.0019
840924	1335	50644	0.30	0101	71.0	0.0010<	0.20	0.0005<	14.000	146.0	0.0030	0.0022
841029	0935	50661	0.30	0101	67.0	0.0010	0.80	0.0005<	14.000	148.0	0.0020<	0.0022
841126	0940	50676	0.30	0101	67.0	0.002	0.40	0.0005<	11.000	153.0	0.0030	0.0022
841217	0920	50691	0.30	0101	69.0	0.001	0.50	0.0005	15.000	146.0	0.0020	0.0020
		MAXIMUM	0.30		75.0	0.002	0.80	0.0006	18.000	159.0	0.0030	0.0030
		ARITH MEAN	0.30		69.6	0.001	0.45	0.0005	14.083	149.2	0.0025	0.0020
		GEOM MEAN			69.5		0.41		13.827	149.0		0.0020
		MINIMUM	0.30		67.0	0.0010	0.20	0.0005	9.000	136.0	0.0020	0.0010
		STD DEV (GEOM *)			2.8		0.21		2.712	7.0		0.0004
		# SAMP IN STATISTICS	12		12	5	6	2	12	12	4	12
		% SAMP (EXCLUDED)				58		83			66	

*=INTERIM TEST-NAME:			DO	FCMF	FSMF	FWPH	FWSTRC	FWTEMP	HGUT	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840125	1040	50502	12.8	4<	4<	7.3		1.0		0.001	0.070	0.190
840222	1035	50520	13.4	4<	4<	7.6		0.5	0.050<	0.001	0.090	0.200
840327	1035	50538	12.7	4<	4<	6.9		1.0	0.050<	0.001<	0.080	0.190
840425	1135	50556	12.7	4<	4<	7.5	3	3.5	0.050<	0.001<	0.070	0.220
840605	1230	50574	13.4	4<	4<	7.5		9.0	0.050<	0.002	0.050	0.210
840626	1009	50592	9.9	4<	8	7.8		11.5	0.050<	0.002	0.020	0.012
840731	1250	50610	9.7	8	24	8.1		18.0	0.050<	0.001	0.010<	0.250
840829	1410	50628	10.8			8.2		19.5	0.050<	0.001	0.010<	0.230
840924	1335	50644	9.6	4<		7.9		12.0	0.050<	0.001	0.020	0.180
841029	0935	50661	9.9	4	4<	7.5		6.0	0.050<	0.001	0.040	0.180
841126	0940	50676	12.4	4<	4	7.8		3.0	0.050<	0.001<	0.060	0.180
841217	0920	50691	13.6	4<	4<	7.2		0.1	0.050<	0.001	0.074	0.200

(C O N T D)

B.O.N./ SITE: NIPIGON RIVER
SAMPLE POINT: AT HIGHWAY 17, NIPIGON
STATION TYPE: RIVER

STATION ID: 01-0090-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 49 01 11.56 LONG: 088 15 02.77 U T M: 16 0408550.0 5430200.0 4 REGION: 06 DISTANCE: 9.656

*=INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM MF	FSMF FECAL STREPCUS MF	FMPH	FWSTRC	FWTEMP	HGUT	NNO2FR	NNO3FR	NNTKUR K'DAHL N TOTAL
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	CNT /100ML	CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	UNF.REAC MG/L AS N
	MAXIMUM		13.6	8	24	8.2		19.5		0.002	0.090	0.250
	ARITH MEAN		11.7	6	12	7.6		7.1		0.001	0.057	0.187
	GEOM MEAN		11.6			7.6		3.2				0.159
	MINIMUM		9.6	4	4	6.9		0.1		0.001	0.020	0.012
STD DEV (GEOM *)			1.6			0.4		6.9				0.059
# SAMP IN STATISTICS			12	2	3	12		12		9	10	12
% SAMP (EXCLUDED)				81	70					25	16	

*=INTERIM TEST-NAME:		PBUT	PH	PPO4FR	PPUT	RSF	RSP	RST	TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	CNT /100ML	CNT /100ML	TURB'ITY FTU
840125	1040	50502	0.003<	7.60	0.004	0.008	119.00	1.00		10<	10<	0.85
840222	1035	50520	0.003<	8.00	0.003	0.006	119.00	1.00		10<	10AID	7.10
840327	1035	50538	0.003<	8.10	0.002	0.011	69.00	1.00		10<	10AID	0.55
840425	1135	50556	0.003<	8.10	0.001	0.007	88.00	2.00		80AID	2200	0.75
840605	1230	50574	0.003<	8.00	0.002	0.009	93.00	2.00		20AID	40AID	0.75
840626	1009	50592	0.003<	8.10	0.001<	0.220	98.00	2.00		10AID	90AID	0.90
840731	1250	50610	0.003<	8.30	0.005	0.009	108.00	2.00	110.00	90AID	530	1.20
840829	1410	50628	0.003<		0.001	0.012	81.00	4.00	85.00			2.20
840924	1335	50644	0.003<	8.20	0.001	0.011	81.00	4.00	85.00	40AID		1.70
841029	0935	50661	0.030<	8.00	0.001<	0.010	98.00	2.00	100.00			0.95
841126	0940	50676	0.003<		0.001	0.007	108.00	2.00	110.00			0.85
841217	0920	50691	0.003<		0.002	0.013	150	10.00	160.00			3.60
	MAXIMUM			8.30	0.005	0.220	150	10.00	160.00	90	2200	7.10
	ARITH MEAN			8.04	0.002	0.027	101	2.75	108.33	48	480	1.78
	GEOM MEAN			8.04		0.012	99	2.16	105.75			1.29
	MINIMUM			7.60	0.001	0.006	69.00	1.00	85.00	10	10	0.55
STD DEV (GEOM *)				0.19		0.061	22	2.49	27.69			1.88
# SAMP IN STATISTICS				9	10	12	12	12	6	5	6	12
% SAMP (EXCLUDED)					16					37	14	

(CONTD)

B.O.W./ SITE: NIPIGON RIVER
SAMPLE POINT: AT HIGHWAY 17, NIPIGON
STATION TYPE: RIVER

STATION ID: 01-0090-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

LAT: 49 01 11.56 LONG: 088 15 02.77 U T M: 16 0408550.0 5430200.0 4 REGION: 06 DISTANCE: 9.656

#=INTERIM TEST-NAME: ZNUT
ZINC

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS ZN
840125	1040	50502	0.0010
840222	1035	50520	0.0010
840327	1035	50538	0.0010
840425	1135	50556	0.0010
840605	1230	50574	0.0010
840626	1009	50592	0.0010<
840731	1250	50610	0.0010
840829	1410	50628	0.0010<
840924	1335	50644	0.0027
841029	0935	50661	0.0012
841126	0940	50676	0.0010<
841217	0920	50691	0.0020

MAXIMUM	0.0027
ARITH MEAN	0.0013
GEOM MEAN	
MINIMUM	0.0010
STD DEV (GEOM *)	
# SAMP IN STATISTICS	9
% SAMP (EXCLUDED)	25

B.O.W./ SITE: BLACK STURGEON RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17
STATION TYPE: RIVER FLOW GAUGE FED 02AC002

STATION ID: 01-0092-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACK STURGEON RIVER

STORET CODE: 02
001
7370

LAT: 48 54 15.06 LONG: 088 22 39.06 U T M: 16 0399050.0 5417500.0 4 REGION: 06 DISTANCE: 13.196

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	COND25	CRUT	CUUT	DO
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O
840123	1025	50500	0.30	0101	67.0	0.0010<		0.0005	241.0	0.0020<	0.0040	14.9
840222	0905	50518	0.30	0101	64.0	0.0010		0.0005<	245.0	0.0020<	0.0040	13.0
840327	0920	50536	0.30	0101	75.0	0.0010<		0.0005<	274.0	0.0020<	0.0010	13.2
840425	1025	50554	0.30	0101	50.0	0.0010<		0.0005<	213.0	0.0020	0.0030	12.9
840604	0905	50572	0.30	0101	44.0	0.0010<		0.0005<	168.0	0.0020<	0.0040	10.8
840626	0900	50590	0.30	0101	47.0	0.0010<		0.0005<	174.0	0.0020	0.0020	8.6
840730	0830	50608	0.30	0101	50.0	0.0011			189.0	0.0020<	0.0040	8.1
840828	0845	50626	0.30	0101	58.0	0.0010<			228.0	0.0020	0.0043	9.9
840924	1230	50642	0.30	0101	64.0	0.0010			268.0	0.0020<	0.0022	9.8
841029	0900	50660	0.30	0101	60.0	0.0010	190.00		246.0	0.0020<	0.0037	11.9
841126	0910	50675	0.30	0101	59.0	0.0010<	70.00		247.0	0.0035	0.0030	
841217	0855	50690	0.30	0101	50.0	0.0010<			199.0	0.0020<	0.0040	13.8
		MAXIMUM	0.30		75.0	0.0011	190.00	0.0005	274.0	0.0035	0.0043	14.9
		ARITH MEAN	0.30		57.3	0.0010	130.00	0.0005	224.3	0.0024	0.0033	11.5
		GEOM MEAN			56.6		115.33		221.7		0.0030	11.3
		MINIMUM	0.30		44.0	0.0010	70.00	0.0005	168.0	0.0020	0.0010	8.1
	STD DEV (GEOM #)				9.3		84.85		35.4		0.0010	2.2
# SAMP IN STATISTICS			12		12	4	2	1	12	4	12	11
% SAMP (EXCLUDED)						66		83		66		

#=INTERIM TEST-NAME:			FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PPO4FR PO4 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER										
840123	1025	50500	9.350	7.3	4	1.0	0.050<	0.003	7.40	0.003	0.010	168.00
840222	0905	50518	8.500	7.0	4	1.0	0.050<	0.003<	7.60	0.001	0.011	159.00
840327	0920	50536	6.760	6.8	4	1.0	0.050<	0.003<	7.70	0.001	0.010	168.00
840425	1025	50554	40.600	6.2	3	6.0	0.050<	0.003<	7.60	0.001	0.023	145.00
840604	0905	50572	51.700	7.2	3	14.0	0.050<	0.003<	7.70	0.001	0.016	122.00
840626	0900	50590	51.200	7.4	3	16.5	0.050<	0.003<	7.90	0.001	0.015	122.00
840730	0830	50608	32.000	7.8		21.0	0.050<	0.003<	8.00	0.007	0.017	142.00
840828	0845	50626	18.000	7.4		20.0	0.050<	0.003<	8.10	0.001	0.014	146.00
840924	1230	50642	10.100	7.4		11.0	0.050<	0.003	8.00	0.002	0.015	138.00
841029	0900	50660	13.800	7.3		5.5	0.050<	0.030<	7.80	0.001	0.011	186.00
841126	0910	50675	13.300	7.2		0.1	0.050<	0.003<	7.70	0.001	0.011	43.00
841217	0855	50690	19.500	6.9	4	0.5	0.050<	0.003<	7.60	0.001	0.017	165.00

(C O N T D)

B.O.W./ SITE: BLACK STURGEON RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17
STATION TYPE: RIVER FLOW GAUGE FED 02AC002

STATION ID: 01-0092-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACK STURGEON RIVER

STORET CODE: 02 001 7370

LAT: 48 54 15.06 LONG: 088 22 39.06 U T M: 16 0399050.0 5417500.0 4 REGION: 06 DISTANCE: 13.196

#=INTERIM TEST-NAME:			FWFLOW STREAM FLOW	FWPH	FWSTRC	FWTEMP	HGUT MERCURY	PBUT LEAD	PH	PPO4FR PO4	PPUT PHOSPHOR	RSF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C	UNF.TOT. UG/L AS HG	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L
	MAXIMUM		51.700	7.8		21.0		0.003	8.10	0.007	0.023	188.00
	ARITH MEAN		22.901	7.2		8.1		0.003	7.76	0.002	0.014	142.17
	GEOM MEAN		18.058	7.1		3.3			7.76	0.001	0.014	135.10
	MINIMUM		6.760	6.2		0.1		0.003	7.40	0.001	0.010	43.00
STD DEV (GEOM #)			16.658	0.4		8.0			0.21	0.002	0.004	36.84
# SAMP IN STATISTICS			12	12		12		2	12	12	12	12
% SAMP (EXCLUDED)								83				

#=INTERIM TEST-NAME:			RSP	RST	SIO3UR SILICATE	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SI	UNF.TOT. MG/L AS ZN
840123	1025	50500	2.00			0.0030
840222	0905	50518	1.00			0.0010
840327	0920	50536	2.00			0.0010
840425	1025	50554	15.00			0.0020
840604	0905	50572	8.00			0.0010
840626	0900	50590	8.00			0.0010
840730	0830	50608	8.00	150.00	3.200	0.0010
840828	0845	50626	4.00	150.00	3.400	0.0010<
840924	1230	50642	2.00	140.00	3.600	0.0010<
841029	0900	50660	2.00	2.00	3.800	0.0010
841126	0910	50675	2.00	2.00	3.700	0.0010
841217	0855	50690	5.00	170.00	3.500	0.0020
	MAXIMUM		15.00	170.00	3.800	0.0030
	ARITH MEAN		4.92	102.33	3.533	0.0014
	GEOM MEAN		3.61	35.90	3.528	
	MINIMUM		1.00	2.00	3.200	0.0010
STD DEV (GEOM #)			4.14	78.33	0.216	
# SAMP IN STATISTICS			12	6	6	10
% SAMP (EXCLUDED)						16

B.O.W./ SITE: CURRENT RIVER
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB015

STATION ID: 01-0104-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7860

LAT: 48 27 19.18 LONG: 089 11 10.76 U T M: 16 0338350.0 5369000.0 4 REGION: 06 DISTANCE: 0.483

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C
840116	1445	50008	0.30	0101		30.0	0.0010	0.70	0.0005<	2.400	74.000	84.0
840214	1430	50021	0.30	0101		35.0		0.30		6.100	65.000	107.0
840312	1415	50034	0.30	0101		34.0		0.40		3.500	70.000	100.0
840416	1140	50047	0.30	0101		15.0		0.90		1.900	86.000	48.0
840522	1005	50070	0.30	0101		19.0	0.0010<	0.50	0.0005<	2.300	73.000	64.0
840619	1035	50093	0.30	0101		17.0		0.70		1.700	94.000	56.0
840710	1040	50116	0.30	0101		22.0	0.0010<	0.70	0.0005<	2.000	95.000	65.0
840813	0950	50139	0.30	0101	3.000	35.0	0.0010<	0.60	0.0005<	3.000	87.000	95.0
840918	1150	50162	0.30	0101	2.000	45.0	0.001	0.80	0.0005<	3.900	74.000	113.0
841023	1110	50185	0.30	0101	3.000	23.0		0.80		2.500	97.000	71.0
		MAXIMUM	0.30		3.000	45.0	0.001	0.90		6.100	97.000	113.0
		ARITH MEAN	0.30		2.667	27.5	0.001	0.64		2.930	81.500	80.3
		GEOM MEAN			2.621	25.9		0.61		2.721	80.750	77.3
		MINIMUM	0.30		2.000	15.0	0.0010	0.30		1.700	65.000	48.0
	STD DEV (GEOM *)				0.577	9.8		0.19		1.317	11.636	22.7
# SAMP IN STATISTICS			10		3	10	2	10		10	10	10
% SAMP (EXCLUDED)							60					

*=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCHF	FEUT	FWFLOW	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840116	1445	50008	0.0020<	0.0020<	0.0020	12.8	4<	0.4000	1.590	7.2	4	1.0
840214	1430	50021				13.2	4		1.150	7.2	4	0.5
840312	1415	50034				13.9	4<		0.825	7.5	4	0.5
840416	1140	50047				13.4	4		31.000	7.1	3	1.5
840522	1005	50070	0.0020	0.0020<	0.0010<	10.9	24	0.2100	8.290	7.2		10.5
840619	1035	50093			0.0020	9.5	8	0.2600	10.200	7.1	8 6	18.0
840710	1040	50116	0.0020<	0.1000	0.0010	8.0	4	0.3200	4.280	7.1		21.0
840813	0950	50139	0.0020<	0.0020<	0.0010	9.0		0.4800	2.190	7.7		20.0
840918	1150	50162	0.0020<	0.0020<	0.0020	8.6	4	0.7400	0.860	7.9	8 6	15.0
841023	1110	50185				11.8			7.730	7.6	6	5.0

(C O N T D)

B.O.W./ SITE: CURRENT RIVER
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB015

STATION ID: 01-0104-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7880

LAT: 48 27 19.18 LONG: 089 11 10.76 U T M: 16 0338350.0 5369000.0 4 REGION: 06 DISTANCE: 0.483

*=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	FCMF	FEUT	FWFLOW	FWPH	FWSTRC	FWTEMP
			COBALT	CHROMIUM	COPPER	DISOLVED	FECAL COLIFORM	IRON	STREAM			
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	MF CNT /100ML	UNF.TOT. MG/L AS FE	FLOW M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C
		MAXIMUM	0.0020	0.1000	0.0020	13.9	24	0.7400	31.000	7.9		21.0
		ARITH MEAN	0.0020	0.1000	0.0016	11.1	8	0.4017	6.811	7.4		9.3
		GEOM MEAN				10.9		0.3680	3.461	7.4		4.3
		MINIMUM	0.0020	0.1000	0.0010	8.0	4	0.2100	0.825	7.1		0.5
		STD DEV (GEOM *)				2.2		0.1919	9.177	0.3		8.6
		# SAMP IN STATISTICS	1	1	5	10	6	6	10	10		10
		% SAMP (EXCLUDED)	80	80	16		25					

*=INTERIM TEST-NAME:			HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
			HARDNESS			NH3-N			K'DAHL N			
SAMPLE			TOTAL	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL	LEAD		PO4
DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FIL.REAC MG/L AS CACO3	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P
840116	1445	50008	36.000	0.043	0.002<					0.003<	7.20	0.003
840214	1430	50021	43.000								7.40	0.001
840312	1415	50034	45.000								7.60	0.002
840416	1140	50047	20.000								7.40	0.001<
840522	1005	50070	28.000	0.020	0.002<					0.003<	7.40	0.001
840619	1035	50093	26.000	0.025	0.002<						7.50	0.001<
840710	1040	50116	32.000	0.039	0.002<					0.003<	7.50	0.001<
840813	0950	50139	44.000	0.062	0.005	0.010	0.004	0.040	0.440	0.003<	7.50	0.002
840918	1150	50162	55.000	0.087	0.002<	0.020	0.003	0.040	0.390	0.003<	7.90	0.001
841023	1110	50185	28.000			0.010	0.005	0.140	0.480		7.60	0.001
		MAXIMUM	55.000	0.087	0.005	0.020	0.005	0.140	0.480		7.90	0.003
		ARITH MEAN	35.700	0.046	0.005	0.013	0.004	0.073	0.437		7.50	0.002
		GEOM MEAN	34.216	0.041		0.013	0.004	0.061	0.435		7.50	
		MINIMUM	20.000	0.020	0.005	0.010	0.003	0.040	0.390		7.20	0.001
		STD DEV (GEOM *)	10.822	0.025		0.006	0.001	0.058	0.045		0.18	
		# SAMP IN STATISTICS	10	6	1	3	3	3	3		10	7
		% SAMP (EXCLUDED)			83							30

(C O N T D)

B.O.W./ SITE: CURRENT RIVER
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB015

STATION ID: 01-0104-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7880

LAT: 48 27 19.18 LONG: 089 11 10.76 U T M: 16 0338350.0 5369000.0 4 REGION: 06 DISTANCE: 0.483

*=INTERIM TEST-NAME:			PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
						COLIFORM	COLIFORM		
			PHOSPHOR			TOTAL	TOTAL MF		ZINC
SAMPLE			UNF.TOT.	RESIDUE	RESIDUE	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	PARTIC.	TOTAL	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS P	MG/L	MG/L	/100ML	/100ML	FTU	AS ZN
840116	1445	50008	0.008	1.00	40.00	10AID	90AID	0.80	0.0020
840214	1430	50021	0.009	1.00	100.00	10AID	190	1.40	
840312	1415	50034	0.008	1.00	90.00	10<	30AID	0.75	
840416	1140	50047	0.020	3.00	30.00	120	600	1.40	
840522	1005	50070	0.009	1.00	55.00	250	1300	0.55	0.0010
840619	1035	50093	0.011	1.00	60.00	100AID	3000	0.65	0.0020
840710	1040	50116	0.013	1.00	75.00	40	14000	0.70	0.0020
840813	0950	50139	0.010	1.00	85.00			1.20	0.0010<
840918	1150	50162	0.010	1.00	80.00	70AID	1800	2.20	0.0010<
841023	1110	50185	0.016	4.00	75.00			1.60	
		MAXIMUM	0.020	4.00	100.00	250	14000	2.20	0.0020
		ARITH MEAN	0.011	1.50	69.00	86	2626	1.12	0.0017
		GEOM MEAN	0.011	1.28	65.08		646	1.02	
		MINIMUM	0.008	1.00	30.00	10	30	0.55	0.0010
		STD DEV (GEOM *)	0.004	1.08	22.34		7*	0.53	
		# SAMP IN STATISTICS	10	10	10	7	8	10	4
		% SAMP (EXCLUDED)				12			33

B.O.W./ SITE: CURRENT RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17 THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0104-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7880

LAT: 48 29 09.40 LONG: 089 11 05.75 U T M: 16 0338550.0 5372400.0 4 REGION: 06 DISTANCE: 2.897

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU
840116	1500	50007	0.30	0101		28.0	0.0010	1.40	0.0005<	2.300	83.000	
840214	1420	50020	0.30	0101		33.0		0.50		2.600	68.000	
840312	1440	50033	0.30	0101		32.0		0.50		2.700	70.000	
840416	1150	50046	0.30	0101		14.0		0.90		1.600	88.000	
840522	1020	50069	0.30	0101		19.0	0.0010<	0.70	0.0005<	1.900		65.000
840619	1055	50092	0.30	0101		17.0		0.80		1.400	94.000	
840813	0945	50138	0.30	0101	4.000	30.0	0.0010<	0.50	0.0005<	2.200	86.000	
840918	1135	50161	0.30	0101	2.000	41.0	0.001 <	0.60	0.0005<	3.200	69.000	
841023	1100	50184	0.30	0101	4.000	23.0		0.70		2.200	96.000	
		MAXIMUM	0.30		4.000	41.0	0.0010	1.40		3.200	96.000	65.000
		ARITH MEAN	0.30		3.333	26.3	0.0010	0.73		2.233	81.750	65.000
		GEOM MEAN			3.175	25.0		0.69		2.169	81.047	
		MINIMUM	0.30		2.000	14.0	0.0010	0.50		1.400	68.000	65.000
		STD DEV (GEOM *)			1.155	8.7		0.29		0.559	11.348	
		# SAMP IN STATISTICS	9		3	9	1	9		9	8	1
		% SAMP (EXCLUDED)					75					

*=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840116	1500	50007	80.0	0.0020<	0.0020<	0.0030	13.0	4	0.9300	7.0	4	1.0
840214	1420	50020	92.0				11.8	8		7.2	4	0.5
840312	1440	50033	95.0				13.4	8		7.3	4	0.5
840416	1150	50046	46.0				13.7	4		7.3	3	1.0
840522	1020	50069	61.0	0.0020<	0.0020<	0.0010	10.9	16	0.1900	7.1		10.5
840619	1055	50092	54.0			0.0010	9.7	8	0.2400	7.0		17.0
840813	0945	50138	83.0	0.0020<	0.0020<	0.0010	9.4		0.4600	7.8		17.5
840918	1135	50161	103.0	0.0020<	0.0020<	0.0010<	10.2	8	0.5000	7.9	6 8	14.0
841023	1100	50184	68.0				11.7			7.6	6	6.0
		MAXIMUM	103.0			0.0030	13.7	16	0.9300	7.9		17.5
		ARITH MEAN	75.8			0.0015	11.5	8	0.4640	7.4		7.6
		GEOM MEAN	73.4				11.4	7	0.3961	7.3		3.4
		MINIMUM	46.0			0.0010	9.4	4	0.1900	7.0		0.5
		STD DEV (GEOM *)	19.6				1.6	2*	0.2931	0.3		7.3
		# SAMP IN STATISTICS	9			4	9	7	5	9		9
		% SAMP (EXCLUDED)				20						

(C O N T D)

B.O.M./ SITE: CURRENT RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17 THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0104-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7880

LAT: 48 29 09.40 LONG: 089 11 05.75 U T M: 16 0338550.0 5372400.0 4 REGION: 06 DISTANCE: 2.897

*=INTERIM TEST-NAME:		HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
					NH3-N			K'DAHL N			
		HARDNESS	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL	LEAD		PO4
SAMPLE		TOTAL	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		FIL.REAC
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD LMT	NUMBER	AS CACO3	AS MN	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P
840116 1500	50007	34.000	0.110	0.002<					0.003<	7.10	0.003
840214 1420	50020	40.000								7.40	0.001
840312 1440	50033	43.000								7.50	0.001
840416 1150	50046	19.000								7.50	0.001<
840522 1020	50069	25.000	0.015	0.002<					0.003	7.40	0.001
840619 1055	50092	28.000	0.025	0.002<						7.70	0.001<
840813 0945	50138	40.000	0.020	0.003	0.010	0.004	0.040	0.420	0.003<	7.40	0.002
840918 1135	50161	53.000	0.018	0.002<	0.010<	0.003	0.040	0.370	0.003<	7.80	0.001<
841023 1100	50184	28.000			0.010<	0.004	0.120	0.770		7.60	0.001
MAXIMUM		53.000	0.110	0.003	0.010	0.004	0.120	0.770	0.003	7.80	0.003
ARITH MEAN		34.444	0.038	0.003	0.010	0.004	0.067	0.520	0.003	7.49	0.001
GEOM MEAN		32.981	0.027			0.004	0.058	0.493		7.49	
MINIMUM		19.000	0.015	0.003	0.010	0.003	0.040	0.370	0.003	7.10	0.001
STD DEV (GEOM *)		10.549	0.041			0.001	0.046	0.218		0.20	
# SAMP IN STATISTICS		9	5	1	1	3	3	3	1	9	6
% SAMP (EXCLUDED)				80	66				75		33

*=INTERIM TEST-NAME:		PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
					COLIFORM	COLIFORM		
		PHOSPHOR			TOTAL	TOTAL MF		ZINC
SAMPLE		UNF.TOT.	RESIDUE	RESIDUE	MF	BCKGRD		UNF.TOT.
DATE HOUR	SAMPLE	MG/L	PARTIC.	TOTAL	CNT	CNT	TURB'ITY	MG/L
YYMMDD LMT	NUMBER	AS P	MG/L	MG/L	/100ML	/100ML	FTU	AS ZN
840116 1500	50007	0.032	10.00	75.00	110	360	4.00	0.0150
840214 1420	50020	0.008	1.00	100.00	40AID	120	0.90	
840312 1440	50033	0.008	1.00	85.00	10<	50AID	0.65	
840416 1150	50046	0.023	4.00	65.00	100	800	1.40	
840522 1020	50069	0.012	3.00	55.00	100	1300	0.45	0.0010
840619 1055	50092	0.013	4.00	65.00	100AID	3000	0.62	0.0020
840813 0945	50138	0.009	1.00	75.00			0.65	0.0010<
840918 1135	50161	0.010	2.00	80.00	80AID	1500	0.85	0.0010<
841023 1100	50184	0.013	1.00	55.00			1.20	
MAXIMUM		0.032	10.00	100.00	110	3000	4.00	0.0150
ARITH MEAN		0.014	3.00	72.78	88	1019	1.19	0.0060
GEOM MEAN		0.013	2.14	71.51		519	0.95	
MINIMUM		0.008	1.00	55.00	40	50	0.45	0.0010
STD DEV (GEOM *)		0.008	2.92	14.60		4*	1.10	
# SAMP IN STATISTICS		9	9	9	6	7	9	3
% SAMP (EXCLUDED)					14			40

B.O.W./ SITE: MC VICAR CREEK
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0105-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC VICAR CREEK

STORET CODE: 02 001 7890

LAT: 48 26 23.78 LONG: 089 12 53.04 U T M: 16 0336200.0 5367350.0 4 REGION: 06 DISTANCE: 0.322

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU
840116	1415	50009	0.30	0101		103.0	0.0100<	0.30	0.0005<	20.000	35.000	
840214	1440	50022	0.30	0101		79.0		4.00		513.000		171.000
840312	1400	50035	0.30	0101		114.0		0.40		26.000	38.000	
840416	1030	50048	0.30	0101		48.0		0.70		11.000	63.000	
840522	0945	50071	0.30	0101		70.0	0.0010<	0.40	0.0005<	11.000	48.000	
840619	1025	50094	0.30	0101		84.0		0.60		18.000	62.000	
840710	1030	50117	0.30	0101		112.0	0.0010<	0.60	0.0005<	20.000	63.000	
840813	1017	50140	0.30	0101	2.000	137.0	0.0010<	0.80	0.0005<	28.000	71.000	
840918	1200	50163	0.30	0101	0.000	128.0	0.001 <	0.60	0.0005<	26.000	56.000	
841023	1120	50186	0.30	0101	5.000	81.0		0.80		16.000	69.000	
		MAXIMUM	0.30		5.000	137.0		4.00		513.000	71.000	171.000
		ARITH MEAN	0.30		2.333	95.6		0.92		68.900	56.111	171.000
		GEOM MEAN				91.6		0.67		25.891	54.596	
		MINIMUM	0.30		0.000	48.0		0.30		11.000	35.000	171.000
		STD DEV (GEOM *)				27.8		1.10		156.153	13.023	
		# SAMP IN STATISTICS	10		3	10		10		10	9	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840116	1415	50009	299.0	0.0020<	0.0020<	0.0020	12.8	4<	0.5900	7.5	4	1.0
840214	1440	50022	1660.0				13.1	396		7.5	4	0.5
840312	1400	50035	362.0				13.0	10<		8.3	4	0.5
840416	1030	50048	158.0				12.6	10AID		7.5	3	1.0
840522	0945	50071	235.0	0.0020	0.0020<	0.0020	11.9	710	0.4600	7.6		9.0
840619	1025	50094	243.0			0.0020	10.0	20AID	0.4900	8.1	8 6	15.0
840710	1030	50117	305.0	0.0020<	0.0020<	0.0010	9.0	50AID	0.5900	8.0	6 8	17.0
840813	1017	50140	376.0	0.0020<	0.0020<	0.0020	9.8		0.7300	8.0	6 8	15.5
840918	1200	50163	347.0	0.0020<	0.0020<	0.0016	10.0	90AID	0.6700	8.2	8 6	14.0
841023	1120	50186	240.0				12.1			7.8	6	5.0

(C O N T D)

B.O.W./ SITE: MC VICAR CREEK
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0105-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC VICAR CREEK

STORET CODE: 02
001
7890

LAT: 48 26 23.78 LONG: 089 12 53.04 U T M: 16 0336200.0 5367350.0 4 REGION: 06 DISTANCE: 0.322

*=INTERIM TEST-NAME:		COND25	COUT	CRUT	CUUT	DO	FCHF	FEUT	FWPH	FWSTRC	FWTEMP
		CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	FECAL COLIFORM	IRON			
SAMPLE DATE HOUR	SAMPLE	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.			WATER
YYMMDD LMT	NUMBER	UMHO/CM AT 25 C	MG/L AS CO	MG/L AS CR	MG/L AS CU	MG/L AS O	CNT /100ML	MG/L AS FE	PH FIELD	STREAM COND.	TEMP DEG.C
MAXIMUM		1660.0	0.0020		0.0020	13.1	710	0.7300	8.3		17.0
ARITH MEAN		422.5	0.0020		0.0018	11.4	213	0.5883	7.8		7.8
GEOM MEAN		330.4			0.0017	11.3		0.5808	7.8		3.8
MINIMUM		158.0	0.0020		0.0010	9.0	10	0.4600	7.5		0.5
STD DEV (GEOM *)		440.0			0.0004	1.6		0.1028	0.3		7.0
# SAMP IN STATISTICS		10	1		6	10	6	6	10		10
% SAMP (EXCLUDED)			80				25				

*=INTERIM TEST-NAME:		HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
					NH3-N			K'DAHL N			
		HARDNESS	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL	LEAD		PO4
SAMPLE DATE HOUR	SAMPLE	TOTAL MG/L	UNF.TOT. MG/L	UNF.TOT. MG/L	FIL.REAC MG/L	FIL.REAC MG/L	FIL.REAC MG/L	UNF.REAC MG/L	UNF.TOT. MG/L		FIL.REAC MG/L
YYMMDD LMT	NUMBER	AS CACO3	AS MN	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P
840116 1415	50009	136.000	0.076	0.002<					0.003	7.70	0.004
840214 1440	50022	122.000								7.60	0.010
840312 1400	50035	158.000								7.80	0.003
840416 1030	50048	62.000								7.70	0.001<
840522 0945	50071	95.000	0.063	0.002<					0.003<	8.00	0.001
840619 1025	50094	119.000	0.067	0.002<						8.20	0.001<
840710 1030	50117	154.000	0.078	0.002					0.006	8.20	0.005
840813 1017	50140	178.000	0.056	0.003	0.010<	0.005	0.330	0.460	0.003<	8.20	0.001
840918 1200	50163	162.000	0.036	0.002<	0.010	0.003	0.380	0.390	0.003	8.30	0.003
841023 1120	50186	109.000			0.010<	0.003	0.170	0.510		8.10	0.002
MAXIMUM		178.000	0.078	0.003	0.010	0.005	0.380	0.510	0.006	8.30	0.010
ARITH MEAN		129.500	0.063	0.002	0.010	0.004	0.293	0.453	0.004	7.98	0.004
GEOM MEAN		124.426	0.061			0.004	0.277	0.451		7.98	
MINIMUM		62.000	0.036	0.002	0.010	0.003	0.170	0.390	0.003	7.60	0.001
STD DEV (GEOM *)		35.271	0.015			0.001	0.110	0.060		0.26	
# SAMP IN STATISTICS		10	6	2	1	3	3	3	3	10	8
% SAMP (EXCLUDED)				66	66				40		20

(C O N T D)

B.O.W./ SITE: MC VICAR CREEK
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0105-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC VICAR CREEK

STORET CODE: 02
001
7890

LAT: 48 26 23.78 LONG: 089 12 53.04 U T M: 16 0336200.0 5367350.0 4 REGION: 06 DISTANCE: 0.322

*=INTERIM TEST-NAME:			PPUT	RSP	RST	TCHF	TCHFBK	TURB	ZNUT
			PHOSPHOR			COLIFORM	COLIFORM		
SAMPLE			UNF.TOT.	RESIDUE	RESIDUE	TOTAL	TOTAL MF		ZINC
DATE	HOUR	SAMPLE	MG/L	PARTIC.	TOTAL	MF	BCKGRD		UNF.TOT.
YYMMDD	LMT	NUMBER	AS P	MG/L	MG/L	CNT /100ML	CNT /100ML	TURB'ITY FTU	MG/L AS ZN
840116	1415	50009	0.008	1.00	180.00	100<	100<	2.00	0.0040
840214	1440	50022	0.110	35.00	950.00	900AID	11800	43.00	
840312	1400	50035	0.009	2.00	220.00	40AID	1000	2.60	
840416	1030	50048	0.040	10.00	120.00	400	400	2.60	
840522	0945	50071	0.016	5.00	160.00	4000	6000	1.30	0.0070
840619	1025	50094	0.015	4.00	180.00	1400	21000	1.20	0.0060
840710	1030	50117	0.016	3.00	230.00	4000	50000	2.10	0.0070
840813	1017	50140	0.014	2.00	280.00			2.90	0.0040
840918	1200	50163	0.014	1.00	230.00	1000C	61000	2.70	0.0045
841023	1120	50186	0.059	50.00	230.00			2.70	
		MAXIMUM	0.110	50.00	950.00	4000	61000	43.00	0.0070
		ARITH MEAN	0.030	11.30	278.00	1677	21600	6.31	0.0054
		GEOM MEAN	0.021	4.60	231.54			2.89	0.0053
		MINIMUM	0.008	1.00	120.00	40	400	1.20	0.0040
		STD DEV (GEOM *)	0.032	17.02	240.36			12.91	0.0014
		# SAMP IN STATISTICS	10	10	10	7	7	10	6
		% SAMP (EXCLUDED)				12	12		

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: HIGHWAY 11 & 17 CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0106-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

LAT: 48 23 59.74 LONG: 089 14 53.25 U T M: 16 0333600.0 5362975.0 4 REGION: 06 DISTANCE: 1.931

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ACIDITY	ALK		BOD	CYANIDE	CYANIDE		
SAMPLE			SAMPLE	PROJECT	TOTAL	TOTAL	ARSENIC	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS CACO3	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-
840116	1540	50010	0.30	0101		79.0	0.0010	0.30			0.0005<	9.200
840214	1355	50023	0.30	0101		79.0		0.50				10.000
840312	1500	50036	0.30	0101		84.0		0.50				11.000
840416	1110	50049	0.30	0101		32.0		0.90				6.300
840522	1030	50072	0.30	0103		50.0	0.0010<	0.30	0.001<W	0.001<W	0.0005<	13.000
840619	1110	50095	0.30	0101		54.0		0.60				8.900
840710	1105	50118	0.30	0103		98.0	0.0010<	0.60	0.001<W	0.001<W	0.0005<	9.500
840813	0925	50141	0.30	0101	3.000	93.0	0.0010<	0.80			0.0005<	13.000
840918	1120	50164	0.30	0101	1.000	97.0	0.001 <	0.90			0.0005<	16.000
841023	1040	50187	0.30	0101	5.000	55.0		0.60				11.000
		MAXIMUM	0.30		5.000	98.0	0.0010	0.90	0.001	0.001		16.000
		ARITH MEAN	0.30		3.000	72.1	0.0010	0.60	0.001<A	0.001<A		10.790
		GEOM MEAN			2.466	68.3		0.56	0.001<A	0.001<A		10.483
		MINIMUM	0.30		1.000	32.0	0.0010	0.30	0.001	0.001		6.300
		STD DEV (GEOM *)			2.000	22.8		0.22	0.000<A	0.000<A		2.699
		# SAMP IN STATISTICS	10		3	10	1	10	2	2		10
		% SAMP (EXCLUDED)					80					

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	FCNF	FEUT	FWPH
										FECAL		
					CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	COLIFORM	IRON	
SAMPLE			COLOUR	COLOUR	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.	
DATE	HOUR	SAMPLE	APPARENT	TRUE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	MG/L	PH
YYMMDD	LMT	NUMBER	HZU	HZU	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	AS FE	FIELD
840116	1540	50010	52.000		205.0	0.0020<	0.0020<	0.0010	11.8	4<	0.5900	7.5
840214	1355	50023	51.000		216.0				13.2	64		7.3
840312	1500	50036	48.000		228.0				13.1	4<	0.0650	8.5
840416	1110	50049		78.000	102.0				13.4	LOAID	1.0000	7.0
840522	1030	50072			154.0	0.0020<	0.0020<	0.0010	12.3	48	0.3700	7.5
840619	1110	50095	94.000		148.0			0.0020	9.5	8	0.4200	7.3
840710	1105	50118	83.000		231.0	0.0020<	0.0020<	0.0060	8.8	20	0.6500	7.7
840813	0925	50141	84.000		240.0	0.0020<	0.0020<	0.0010	9.5		0.6000	7.6
840918	1120	50164	62.000		248.0	0.0020<	0.0020	0.0017	10.0	16	0.4800	8.2
841023	1040	50187		111.000	168.0				11.8			7.6

(C O N T D)

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: HIGHWAY 11 & 17 CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0106-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02 001 7900

LAT: 48 23 59.74 LONG: 089 14 53.25 U T M: 16 0333600.0 5362975.0 4 REGION: 06 DISTANCE: 1.931

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	FCHF	FEUT	FMPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
	MAXIMUM		94.000	111.000	248.0		0.0020	0.0060	13.4	64	1.0000	8.5
	ARITH MEAN		67.714	94.500	194.0		0.0020	0.0021	11.3	28	0.5219	7.6
	GEOM MEAN		65.500	93.048	187.7			0.0017	11.2		0.4275	7.6
	MINIMUM		48.000	78.000	102.0		0.0020	0.0010	8.8	8	0.0650	7.0
	STD DEV (GEOM *)		18.674	23.335	48.3			0.0019	1.7		0.2672	0.4
	# SAMP IN STATISTICS		7	2	10		1	6	10	6	8	10
	% SAMP (EXCLUDED)						80			25		

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840116	1540	50010	4	1.0	94.000	0.028	0.002<	0.030	0.003	0.290	0.330	0.003
840214	1355	50023	4	0.5	94.000			0.130	0.004	0.360	0.480	
840312	1500	50036	4	0.3	105.000	0.017		0.020	0.004	0.330	0.290	
840416	1110	50049	3	1.0	42.000	0.071		0.030	0.003	0.270	0.630	
840522	1030	50072		10.0	67.000	0.032	0.003				0.430	0.003
840619	1110	50095	8 6	16.5	73.000	0.032	0.002<	0.010<	0.002	0.050	0.490	
840710	1105	50118	8 6	19.0	124.000	0.058	0.002					0.004
840813	0925	50141	6 8	15.5	113.000	0.031	0.003	0.010	0.004	0.050	0.500	0.003<
840918	1120	50164		13.0	115.000	0.015	0.002<	0.010	0.002	0.030	0.380	0.003<
841023	1040	50187	6	4.0	73.000			0.010<	0.005	0.150	0.790	
	MAXIMUM			19.0	124.000	0.071	0.003	0.130	0.005	0.360	0.790	0.004
	ARITH MEAN			8.1	90.000	0.035	0.003	0.038	0.003	0.191	0.480	0.003
	GEOM MEAN			3.6	86.112	0.031			0.003	0.134	0.460	
	MINIMUM			0.3	42.000	0.015	0.002	0.010	0.002	0.030	0.290	0.003
	STD DEV (GEOM *)			7.5	25.772	0.019			0.001	0.137	0.154	
	# SAMP IN STATISTICS			10	10	8	3	6	8	8	9	3
	% SAMP (EXCLUDED)						50	25				40

(C O N T D)

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: HIGHWAY 11 & 17 CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0106-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

LAT: 48 23 59.74 LONG: 089 14 53.25 U T M: 16 0333600.0 5362975.0 4 REGION: 06 DISTANCE: 1.931

*=INTERIM TEST-NAME:			PH	PPO4FR	PPUT	RSP	RST	TCHF	TCHFBK	TURB	ZNUT
								COLIFORM	COLIFORM		
				PO4	PHOSPHOR			TOTAL	TOTAL MF		ZINC
SAMPLE				FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE		MG/L	MG/L	PARTIC.	TOTAL	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	PH	AS P	AS P	MG/L	MG/L	/100ML	/100ML	FTU	AS ZN
840116	1540	50010	7.60	0.006	0.012	1.00	140.00	50AID	320	3.10	0.0010
840214	1355	50023	7.50	0.005	0.017	2.00	150.00	280	2000	4.10	
840312	1500	50036	7.80	0.005	0.010	1.00	130.00	100	300	3.10	
840416	1110	50049	7.50	0.004	0.049	15.00	95.00	160	800	6.40	
840522	1030	50072	7.80		0.015	4.00	130.00	1000	7000	1.50	0.0020
840619	1110	50095	8.00	0.001	0.015	3.00	140.00	700AID	21000	1.50	0.0010
840710	1105	50118	8.00	0.004	0.021	7.00	180.00	1200	12000	2.50	0.0010
840813	0925	50141	7.90	0.003	0.015	2.00	190.00			2.60	0.0010<
840918	1120	50164	8.20	0.002	0.013	1.00	180.00	500AID	5000	2.30	0.0010
841023	1040	50187	7.90	0.002	0.018	6.00	160.00			3.20	
		MAXIMUM	8.20	0.006	0.049	15.00	190.00	1200	21000	6.40	0.0020
		ARITH MEAN	7.82	0.004	0.018	4.20	149.50	499	6053	3.03	0.0012
		GEOM MEAN	7.82	0.003	0.017	2.81	146.80	314	2463	2.78	
		MINIMUM	7.50	0.001	0.010	1.00	95.00	50	300	1.50	0.0010
		STD DEV (GEOM *)	0.23	0.002	0.011	4.34	28.91	3*	5*	1.42	
		# SAMP IN STATISTICS	10	9	10	10	10	8	8	10	5
		% SAMP (EXCLUDED)									16

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: HWYS.11&17 WEST OF MAPLEWOOD SIDE ROAD
STATION TYPE: RIVER

STATION ID: 01-0107-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER

STORET CODE: 02
001
7910

LAT: 48 22 54.32 LONG: 089 21 29.07 U T M: 16 0325400.0 5361200.0 4 REGION: 06 DISTANCE: 13.640

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840116	1600	50011	0.30	0101		108.0	0.0013	0.30			0.0005<	14.000
840214	1330	50024	0.30	0101		114.0		1.20				15.000
840312	1520	50037	0.30	0101		121.0		0.60				16.000
840416	1135	50050	0.30	0101		49.0		0.40				7.900
840522	1045	50073	0.30	0103		68.0	0.0010<	0.40	0.001<W	0.001<W	0.0005<	9.400
840619	1145	50096	0.30	0101		79.0		0.60				8.900
840710	1145	50119	0.30	0103		71.0	0.0010<	0.50	0.001<W	0.001<W	0.0005<	11.000
840813	0905	50142	0.30	0101	5.000	123.0	0.0010<	0.70			0.0005<	13.000
840918	1100	50165	0.30	0101	2.000	133.0	0.0010<	0.70			0.0005<	14.000
841023	1015	50188	0.30	0101	5.000	78.0		0.50				12.000
		MAXIMUM	0.30		5.000	133.0	0.0013	1.20	0.001	0.001		16.000
		ARITH MEAN	0.30		4.000	94.4	0.0013	0.59	0.001<A	0.001<A		12.120
		GEOM MEAN			3.684	90.2		0.55	0.001<A	0.001<A		11.823
		MINIMUM	0.30		2.000	49.0	0.0013	0.30	0.001	0.001		7.900
		STD DEV (GEOM #)			1.732	28.7		0.25	0.000<A	0.000<A		2.749
		# SAMP IN STATISTICS	10		3	10	1	10	2	2		10
		% SAMP (EXCLUDED)					80					

#=INTERIM TEST-NAME:			COLAP	COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.
840116	1600	50011	52.000	275.0	0.0020<	0.0020<	0.0020	12.8	4<	0.7800	7.4	4
840214	1330	50024	60.000	294.0			0.0050	11.6	1500>	1.7000	7.2	4
840312	1520	50037	53.000	318.0			0.0040	10.7	104	0.0900	7.7	4
840416	1135	50050	61.000	142.0				13.1	10<	1.4000	7.2	
840522	1045	50073		186.0	0.0040	0.0020<	0.0030	11.0	100	1.2000	7.5	
840619	1145	50096	80.000	197.0			0.0020	8.8	10AID	0.5200	7.0	6
840710	1145	50119	89.000	189.0	0.0020<	0.0020<	0.0010<	8.4	20AID	0.5100	8.0	6 8
840813	0905	50142	95.000	293.0	0.0020<	0.0020<	0.0020	8.2		1.0000	7.6	6 8
840918	1100	50165	76.000	306.0	0.0020<	0.0020<	0.0027	9.5	10<	0.8000	7.9	
841023	1015	50188	85.000	212.0				10.8			7.7	6

(C O N T D)

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: HWYS.11&17 WEST OF MAPLEWOOD SIDE ROAD
STATION TYPE: RIVER

STATION ID: 01-0107-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER

STORET CODE: 02 001 7910

LAT: 48 22 54.32 LONG: 089 21 29.07 U T M: 16 0325400.0 5361200.0 4 REGION: 06 DISTANCE: 13.840

*=INTERIM TEST-NAME:			COLAP	COND25	COUT	CRUT	CUUT	DO	FCMF	FEUT	FWPH	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.
	MAXIMUM		95.000	318.0	0.0040		0.0050	13.1	104	1.7000	8.0	
	ARITH MEAN		72.333	241.2	0.0040		0.0030	10.5	59	0.8889	7.5	
	GEOM MEAN		70.690	233.4				10.4		0.7041	7.5	
	MINIMUM		52.000	142.0	0.0040		0.0020	8.2	10	0.0900	7.0	
	STD DEV (GEOM *)		16.171	62.5				1.7		0.4957	0.3	
	# SAMP IN STATISTICS		9	10	1		7	10	4		10	
	% SAMP (EXCLUDED)				80		12		50			

*=INTERIM TEST-NAME:			FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840116	1600	50011	0.5	131.000		0.050	0.002<	0.030	0.003	0.360	0.380	0.007
840214	1330	50024	0.5	135.000	0.050<	0.180		0.570	0.006	0.460	1.100	
840312	1520	50037	0.5	156.000		0.055		0.120	0.004	0.490	0.520	
840416	1135	50050	2.0	64.000		0.056		0.040	0.004	0.280	0.540	
840522	1045	50073	10.0	85.000		0.054	0.002<	0.010<	0.003	0.070	0.530	0.003<
840619	1145	50096	16.0	103.000		0.036	0.002<	0.010	0.004	0.070	0.550	
840710	1145	50119	18.0	94.000		0.029	0.003					0.003<
840813	0905	50142	16.5	153.000		0.083	0.002<	0.030	0.004	0.110	0.620	0.003<
840918	1100	50165	13.0	156.000		0.070	0.002<	0.010	0.003	0.080	0.530	0.003
841023	1015	50188	5.0	100.000				0.010<	0.004	0.130	0.730	
	MAXIMUM		18.0	156.000		0.180	0.003	0.570	0.006	0.490	1.100	0.007
	ARITH MEAN		8.2	117.700		0.068	0.003	0.116	0.004	0.228	0.611	0.005
	GEOM MEAN		3.9	113.243		0.059			0.004	0.171	0.586	
	MINIMUM		0.5	64.000		0.029	0.003	0.010	0.003	0.070	0.380	0.003
	STD DEV (GEOM *)		7.3	32.830		0.045			0.001	0.172	0.205	
	# SAMP IN STATISTICS		10	10		9	1	7	9	9	9	2
	% SAMP (EXCLUDED)						83	22				60

(C O N T D)

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: HWYS.11&17 WEST OF MAPLEWOOD SIDE ROAD
STATION TYPE: RIVER

STATION ID: 01-0107-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER

STORET CODE: 02
001
7910

LAT: 48 22 54.32 LONG: 089 21 29.07 U T M: 16 0325400.0 5361200.0 4 REGION: 06 DISTANCE: 13.840

*=INTERIN TEST-NAME:		PH	PPO4FR	PPUT	RSP	RST	TCHF	TCHFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840116	1600	50011	7.60	0.005	0.010	1.00	180.00	50AID	300	4.10	0.0010
840214	1330	50024	7.50	0.004	0.035	2.00	210.00	2800	4000	6.80	0.0150
840312	1520	50037	7.60	0.005	0.019	2.00	220.00	170	300	4.60	0.0050
840416	1135	50050	7.60	0.004	0 045	25.00	130.00	200	200	6.10	
840522	1045	50073	7.80	0.001	0.040	25.00	150.00	200AID	6000	4.50	0.0030
840619	1145	50096	8.00	0.001	0.022	3.00	160.00	100AID	8000	2.00	0.0020
840710	1145	50119	8.10	0.005	0.014	1.00	160.00	400AID	16000	1.60	0.0010
840813	0905	50142	7.80	0.002	0.017	4.00	230.00			3.80	0.0010<
840918	1100	50165	7.90	0.001	0.012	1.00	210.00	100AID	6100	4.30	0.0019
841023	1015	50188	8.00	0.002	0.019	5.00	170.00			2.60	
		MAXIMUM	8.10	0.005	0.045	25.00	230.00	2800	16000	6.80	0.0150
		ARITH MEAN	7.79	0.003	0.023	6.90	182.00	503	5113	4.04	0.0041
		GEOM MEAN	7.79	0.002	0.021	3.29	179.17	210	2070	3.70	
		MINIMUM	7.50	0.001	0.010	1.00	130.00	50	200	1.60	0.0010
		STD DEV (GEOM *)	0.21	0.002	0.012	9.63	33.60	3*	6*	1.66	
		# SAMP IN STATISTICS	10	10	10	10	10	8	8	10	7
		% SAMP (EXCLUDED)									12

B.O.W./ SITE: NEED-MCINTYRE RIVER
SAMPLE POINT: DIVERSION AT 110TH AVE
STATION TYPE: RIVER

STATION ID: 01-0107-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEED- MCINTYRE RIVER

STORET CODE: 02
001
7910

LAT: 48 23 46.07 LONG: 089 13 25.10 U T M: 16 0335400.0 5362500.0 4 REGION: 06 DISTANCE: 0.960

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ALK			BOD	CYANIDE	CYANIDE		
SAMPLE			SAMPLE	PROJECT	TOTAL	ALUMINUM	ARSENIC	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	UNF.TOT.	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	MG/L AS AL	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-
840116	1345	50012	0.30	0101	90.0		0.0014	0.50	0.001<W	0.001<W	0.0005<	18.000
840214	1500	50025	0.30	0101	110.0			0.90				43.000
840312	1340	50038	0.30	0103	66.0			0.60				13.000
840416	1015	50051	0.30	0103	44.0			0.80				8.700
840522	1520	50074	0.30	0103	69.0		0.0010<	0.50	0.001<W	0.001<W	0.0005<	18.000
840618	1410	50097	0.30	0103	72.0			0.80	0.001<W	0.001<W		14.000
840709	1410	50120	0.30	0101	90.0			0.70			0.0050<	19.000
840813	1425	50143	0.30	0101	104.0			1.20				22.000
840918	1330	50166	0.30	0101	118.0			1.00			0.0005<	27.000
841023	1310	50189	0.30	0101	75.0			0.80				15.000
841119	1155	50197	0.30	0101	96.0	0.120		1.00			0.0005<	23.000
		MAXIMUM	0.30		118.0	0.120	0.0014	1.20	0.001	0.001		43.000
		ARITH MEAN	0.30		84.9	0.120	0.0014	0.80	0.001<A	0.001<A		20.064
		GEOM MEAN			82.1			0.77	0.001<A	0.001<A		18.481
		MINIMUM	0.30		44.0	0.120	0.0014	0.50	0.001	0.001		8.700
		STD DEV (GEOM *)			21.9			0.22	0.000<A	0.000<A		9.152
		# SAMP IN STATISTICS	11		11	1	1	11	3	3		11
		% SAMP (EXCLUDED)					50					

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
					CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL	IRON
SAMPLE			COLOUR	COLOUR	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLI MF	COLIFORM MF	UNF.TOT.
DATE	HOUR	SAMPLE	APPARENT	TRUE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	CNT	MG/L
YYMMDD	LMT	NUMBER	HZU	HZU	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	/100ML	AS FE
840116	1345	50012	57.000		257.0	0.0020<	0.0020	0.0030	12.8		210	1.2000
840214	1500	50025	81.000		382.0			0.0050	11.4		90AID	1.700
840312	1340	50038	29.000		197.0			0.0040	12.8		10AID	0.9200
840416	1015	50051	67.000		136.0			0.0050	12.7		50AID	1.7000
840522	1520	50074			217.0	0.0020	0.0020	0.0030	9.0		120	0.9200
840618	1410	50097			207.0			0.0030	8.6		50AID	0.8900
840709	1410	50120	97.000		250.0	0.0020<	0.0020<	0.0010	8.7		40AID	0.9400
840813	1425	50143		97.000	301.0			0.0020	7.8			1.2000
840918	1330	50166		57.000	326.0	0.0020<	0.0025	0.0010	8.4		30AID	0.9200
841023	1310	50189		98.000	224.0				9.0			
841119	1155	50197	80.000		296.0	0.0020<	0.0120	0.0030	12.4	10<		1.1000

(C O N T D)

B.O.W./ SITE: NEED-MCINTYRE RIVER
SAMPLE POINT: DIVERSION AT 110TH AVE
STATION TYPE: RIVER

STATION ID: 01-0107-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEED- MCINTYRE RIVER

STORET CODE: 02
001
7910

LAT: 48 23 46.07 LONG: 089 13 25.10 U T M: 16 0335400.0 5362500.0 4 REGION: 06 DISTANCE: 0.960

*=INTERIM TEST-NAME:		COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
	MAXIMUM	97.000	98.000	382.0	0.0020	0.0120	0.0050	12.8		210	1.7000
	ARITH MEAN	68.500	84.000	253.9	0.0020	0.0046	0.0030	10.3		75	1.149
	GEOM MEAN	64.138	81.525	245.1			0.0026	10.1		54	1.115
	MINIMUM	29.000	57.000	136.0	0.0020	0.0020	0.0010	7.8		10	0.8900
	STD DEV (GEOM *)	23.645	23.388	68.7			0.0014	2.1		3*	0.313
	# SAMP IN STATISTICS	6	3	11	1	4	10	11		8	10
	% SAMP (EXCLUDED)				80	20					

*=INTERIM TEST-NAME:		FSMF FECAL STREPCUS MF	FWPH	FWSTRC	FWTEMP	HARDT	HGUT	HGUR	MNUT	NIUT	NNHTFR NH3-N TOTAL
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	TOTAL FIL.REAC MG/L AS N
840116	1345 50012		6.9	4	1.0	112.000	0.050<	8.200	0.110	0.002<	0.080
840214	1500 50025		7.2	4	0.5	141.000	0.005<	12.000	0.180		0.400
840312	1340 50038		7.3	4	0.5	81.000	0.050<	5.600	0.062		0.100
840416	1015 50051		7.2	8	2.0	59.000	0.050<	5.300	0.910		0.050
840522	1520 50074	110	7.3		12.0	90.000	0.050<	7.300	0.076	0.002<	0.030
840618	1410 50097		7.4	6	16.0	99.000	0.050<	7.900	0.079		0.020
840709	1410 50120			6	18.0	120.000			0.130	0.002<	0.050
840813	1425 50143		7.4		21.0	138.000			0.170		0.090
840918	1330 50166		7.7		13.0	145.000	0.050<		0.190	0.002<	0.090
841023	1310 50189		7.0	6	7.0	101.000					0.020
841119	1155 50197		7.3		0.5	131.000			0.140	0.002<	0.070
	MAXIMUM	110	7.7		21.0	145.000		12.000	0.910		0.400
	ARITH MEAN	110	7.3		8.3	110.636		7.717	0.205		0.091
	GEOM MEAN		7.3		3.7	107.144		7.431	0.144		0.062
	MINIMUM	110	6.9		0.5	59.000		5.300	0.062		0.020
	STD DEV (GEOM *)		0.2		7.9	27.486		2.413	0.252		0.106
	# SAMP IN STATISTICS	1	10		11	11		6	10		11
	% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: NEED-MCINTYRE RIVER
SAMPLE POINT: DIVERSION AT 110TH AVE
STATION TYPE: RIVER

STATION ID: 01-0107-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEED- MCINTYRE RIVER

STORET CODE: 02
001
7910

LAT: 48 23 46.07 LONG: 089 13 25.10 U T M: 16 0335400.0 5362500.0 4 REGION: 06 DISTANCE: 0.960

*=INTERIM TEST-NAME:			NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	P1ALDR	P1BHCA	P1BHCB
			NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR			
SAMPLE			FIL.REAC	FIL.REAC	UNF.TOT.	UNF.TOT.		FIL.REAC	UNF.TOT.		BHC	BHC
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	ALDRIN	ALPHA	BETA
YYMMDD	LMT	NUMBER	AS N	AS N	AS N	AS PB	PH	AS P	AS P	NG/L	NG/L	NG/L
840116	1345	50012	0.003	0.370	0.400	0.006	7.40	0.006	0.016			
840214	1500	50025	0.010	0.580	0.830		7.40	0.007	0.027			
840312	1340	50038	0.003	0.370	0.400		7.50	0.002	0.017			
840416	1015	50051	0.004	0.300	0.600		7.60	0.005	0.041			
840522	1520	50074	0.006	0.090	0.460	0.003<	7.80	0.003	0.022			
840618	1410	50097	0.005	0.110	0.560		7.70	0.001	0.017			
840709	1410	50120	0.007	0.130	0.560	0.003	7.90	0.005	0.025			
840813	1425	50143	0.009	0.150	0.680		7.50	0.005	0.025			
840918	1330	50166	0.008	0.140	0.560	0.004	7.80	0.005	0.029	1<W	1<W	1<W
841023	1310	50189	0.006	0.290	0.730		7.90	0.004	0.028			
841119	1155	50197	0.006	0.320	0.690	0.003<	7.70	0.003	0.014			
		MAXIMUM	0.010	0.580	0.830	0.006	7.90	0.007	0.041	1	1	1
		ARITH MEAN	0.006	0.259	0.588	0.004	7.65	0.004	0.024	1<A	1<A	1<A
		GEOM MEAN	0.006	0.220	0.573		7.65	0.004	0.023			
		MINIMUM	0.003	0.090	0.400	0.003	7.40	0.001	0.014	1	1	1
		STD DEV (GEOM *)	0.002	0.151	0.137		0.19	0.002	0.008			
		# SAMP IN STATISTICS	11	11	11	3	11	11	11	1	1	1
		% SAMP (EXCLUDED)				40						

*=INTERIM TEST-NAME:			P1BHCG	P1CHLA	P1CHLG	P1DIEL	P1DMDT	P1ENDR	P1ENDS	P1END1	P1END2	P1HEPE
							DMDT		ENDOSULP	ENDOSULP	ENDOSULP	HEPTA CHLOR
SAMPLE			BHC	CHLRDANE	CHLRDANE		MTHXYLLR		SULPHATE	I	II	EPOXIDE
DATE	HOUR	SAMPLE	GAMMA	ALPHA	GAMMA	DIELDRIN		ENDRIN				
YYMMDD	LMT	NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L
840918	1330	50166	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
		MAXIMUM	1	2	2	2	5	4	4	2	4	1
		ARITH MEAN	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A	4<A	1<A
		GEOM MEAN										
		MINIMUM	1	2	2	2	5	4	4	2	4	1
		STD DEV (GEOM *)										
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: NEED-MCINTYRE RIVER
SAMPLE POINT: DIVERSION AT 110TH AVE
STATION TYPE: RIVER

STATION ID: 01-0107-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEED- MCINTYRE RIVER

STORET CODE: 02
001
7910

LAT: 48 23 46.07 LONG: 089 13 25.10 U T M: 16 0335400.0 5362500.0 4 REGION: 06 DISTANCE: 0.960

*=INTERIM TEST-NAME:		P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSP	RST
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L
840116	1345 50012									3.00	180.00
840214	1500 50025									4.00	240.00
840312	1340 50038					20<W				3.00	130.00
840416	1015 50051					20<W				15.00	100.00
840522	1520 50074									7.00	150.00
840618	1410 50097					20<W				4.00	160.00
840709	1410 50120									3.00	190.00
840813	1425 50143									4.00	230.00
840918	1330 50166	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	3.00	220.00
841023	1310 50189									7.00	200.00
841119	1155 50197									3.00	220.00
MAXIMUM		1	5	2	5	20	5	1	5	15.00	240.00
ARITH MEAN		1<A	5<A	2<A	5<A	20<A	5<A	1<A	5<A	5.09	183.64
GEOM MEAN						20<A				4.38	178.05
MINIMUM		1	5	2	5	20	5	1	5	3.00	100.00
STD DEV (GEOM *)						0<A				3.62	44.56
# SAMP IN STATISTICS		1	1	1	1	4	1	1	1	11	11
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		SIO3UR	TCMF	TCMFBK	TURB	X1HCBD	X2HCB	X2HCE	X2OCST	X2PNCB	X2T236
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	SILICATE UNF.REAC MG/L AS SI	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	HXCHLORO BUTADINE NG/L	HCB NG/L	HCE NG/L	OCTCHLOR STYRENE NG/L	PENTA CHLORO BENZENE NG/L	2,3,6 TRCHLORO TOLUENE NG/L
840116	1345 50012		1100	600AID	6.20						
840214	1500 50025		240	740	15.00						
840312	1340 50038		10AID	140	3.40						
840416	1015 50051		370	1200	7.90						
840522	1520 50074		2700	19000	4.30						
840618	1410 50097		300AID	12000	3.00						
840709	1410 50120	5.100	600AID	2000	0.35						
840813	1425 50143	6.000			4.50						
840918	1330 50166	6.100	220	1810	6.70	1<W	1<W	1<W	1<W	1<W	5<W
841023	1310 50189	5.600			6.20						
841119	1155 50197		1190		5.20						

(C O N T D)

B.O.W./ SITE: NEED-MCINTYRE RIVER
SAMPLE POINT: DIVERSION AT 110TH AVE
STATION TYPE: RIVER

STATION ID: 01-0107-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEED- MCINTYRE RIVER

STORET CODE: 02
001
7910

LAT: 4o 23 46.07 LONG: 089 13 25.10 U T M: 16 0335400.0 5362500.0 4 REGION: 06 DISTANCE: 0.960

#=INTERIM TEST-NAME:		SI03UR	TCMF	TCMFBK	TURB	X1HCBD	X2HCB	X2HCE	X2OCST	X2PNCB	X2T236
		SILICATE	COLIFORM TOTAL	COLIFORM TOTAL MF		HXCHLORO			OCTCHLOR	PENTA CHLORO	2,3,6 TRCHLORO
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS SI	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	BUTADINE NG/L	HCB NG/L	HCE NG/L	STYRENE NG/L	BENZENE NG/L	TOLUENE NG/L
	MAXIMUM		6.100	2700	19000	15.00	1	1	1	1	1	5
	ARITH MEAN		5.700	748	4686	5.70	1<A	1<A	1<A	1<A	1<A	5<A
	GEOM MEAN		5.686	368	1674	4.37						
	MINIMUM		5.100	10	140	0.35	1	1	1	1	1	5
	STD DEV (GEOM *)		0.455	5*	5*	3.71						
# SAMP IN STATISTICS			4	9	8	11	1	1	1	1	1	1
% SAMP (EXCLUDED)												

#=INTERIM TEST-NAME:		X2T245 2,4,5	X2T26A 2,6,A	X2123 1,2,3	X21234 1,2,3,4	X21235 1,2,3,5	X2124 1,2,4	X21245 1,2,4,5	X2135 1,3,5	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TRCHLORO TOLUENE NG/L	TRCHLORO TOLUENE NG/L	TRCHLORO BENZENE NG/L	TECHLORO BENZENE NG/L	TECHLORO BENZENE NG/L	TRCHLORO BENZENE NG/L	TECHLORO BENZENE NG/L	TRCHLORO BENZENE NG/L	UNF.TOT. MG/L AS ZN
840116	1345	50012									0.0120
840214	1500	50025									0.0150
840312	1340	50038									0.0070
840416	1015	50051									0.0050
840522	1520	50074									0.0060
840618	1410	50097									0.0030
840709	1410	50120									0.0040
840813	1425	50143									0.0030
840918	1330	50166	5<M	5<M	5<M	1<M	1<M	5<M	1<M	5<M	0.0038
841119	1155	50197									0.0060
	MAXIMUM		5	5	5	1	1	5	1	5	0.0150
	ARITH MEAN		5<A	5<A	5<A	1<A	1<A	5<A	1<A	5<A	0.0065
	GEOM MEAN										0.0056
	MINIMUM		5	5	5	1	1	5	1	5	0.0030
	STD DEV (GEOM *)										0.0040
# SAMP IN STATISTICS			1	1	1	1	1	1	1	1	10
% SAMP (EXCLUDED)											

B.O.N./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02 001 7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

#=INTERIM TEST-NAME: FWSADP FGPROJ ALKT ALUT ASUT BOD5 CCNAUR CCNFUR CDUT CLIDUR

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840104	0910	71000	0.30	0103	37.0			5.80			0.0005<	
840112	1340	71001	0.30	0103	37.0			9.40			0.0005<	
840116	0950	50001	0.30	0101	34.0		0.0012	6.60	0.001<W	0.001<W	0.0005<	9.800
840119	1135	71002	0.30	0103	36.0			8.40			0.0005<	
840126	0930	71003	0.30	0103	37.0			9.40			0.0005<	
840201	0950	71004	0.30	0103	38.0			8.00			0.0005<	
840208	0940	71005	0.30	0103	34.0			8.00			0.0005<	
840214	0935	50014	0.30	0101	36.0			6.20				7.300
840215	0900	71006	0.30	0103	35.0			5.40			0.0005<	
840221	1355	71007	0.30	0103	33.0			6.50			0.0005<	
840228	1140	71008	0.30	0103	34.0			5.20			0.0005<	
840308	1100	71009	0.30	0103	34.0			8.80			0.0005<	
840312	0930	50027	0.30	0103	30.0			6.40				9.800
840314	1325	71010	0.30	0103	35.0			8.00			0.0005<	
840320	1345	71011	0.30	0103	33.0			5.40			0.0005<	
840329	1145	71012	0.30	0103	36.0			8.00			0.0005<	
840404	0915	71013	0.30	0103	41.0			6.00			0.0005<	
840412	0925	71014	0.30	0103	40.0			3.20			0.0005<	
840416	0940	50040	0.30	0103	32.0			3.50				7.200
840418	1105	71015	0.30	0103	29.0			4.60			0.0005<	
840426	0830	71016	0.30	0103	34.0			8.40			0.0005<	
840430	1620	74436	0.30	0103	32.4						0.0002<	
840502	1110	71017	0.30	0103	27.0			2.80			0.0005<	
840508	1408	71018	0.30	0103	38.0			1.60			0.0005<	
840517	1443	71019	0.30	0103	35.0						0.0005<	
840522	1415	50063	0.30	0103	35.0		0.0010<	6.80	0.004<T	0.001<W	0.0005<	10.000
840523	1336	71020	0.30	0103	36.0			5.60			0.0005<	
840531	1404	71021	0.30	0103	34.0			9.00			0.0010	
840606	0950	71022	0.30	0103	37.0			9.00			0.0005<	
840614	0926	71023	0.30	0103	40.0			2.00			0.0005<	
840618	1330	50086	0.30	0103	31.0			3.80	0.001<W	0.001<W		6.000
840620	1035	71024	0.30	0103	51.0			4.00			0.0005<	
840627	0900	71025	0.30	0103	31.0			5.60			0.0005<	
840709	1330	50109	0.30	0103	37.0		0.0010	4.20	0.001<W	0.001<W	0.0005<	8.700
840711	1057	71026	0.30	0103	34.0			5.20			0.0005<	
840718	1050	71027	0.30	0103	35.0			5.60			0.0005<	
840725	1050	71028	0.30	0103	35.0			4.00			0.0005<	
840801	1125	71029	0.30	0103	34.0			5.20			0.0005<	
840809	1240	71030	0.30	0103	35.0			4.20			0.0005<	
840815	1115	71031	0.30	0103	38.0			6.40			0.0005<	

(CONTD)

B.O.M./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ALK	ALUMINUM	ARSENIC	BOD	CYANIDE	CYANIDE		
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AL	AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-
840815	1215	50132	0.30	0101	35.0		0.0010	5.20			0.0005<	12.000
840823	1100	71032	0.30	0103	34.0			4.80			0.0005<	
840830	1000	71033	0.30	0103	35.0			4.60			0.0005<	
840906	1500	71034	0.30	0103	34.0			2.60			0.0005<	
840912	0915	71035	0.30	0103	33.0			8.00			0.0005<	
840917	1210	50155	0.30	0101	35.0		0.0010<	5.40			0.0005<	9.900
840920	0920	71036	0.30	0103	37.0			6.80			0.0005<	
840927	1030	71037	0.30	0103	35.0			7.60			0.0005<	
841003	1035	71038	0.30	0103	39.0			11.00			0.0005<	
841009	1050	71039	0.30	0103	37.0			8.40			0.0005<	
841017	0935	71040	0.30	0103	38.0			7.00			0.0005<	
841022	1210	50178	0.30	0101	58.0			6.60				15.000
841024	1045	71041	0.30	0103	54.0			7.20			0.0005<	
841031	0930	71042	0.30	0101	43.0			8.40			0.0005<	
841107	1045	71043	0.30	0101	38.0			8.00			0.0005<	
841115	0900	71044	0.30	0101	37.0			10.00			0.0005<	
841119	1010	50191	0.30	0101	37.0	0.340		7.20			0.0005<	14.000
841210	0950	50198	0.30	0101	36.0	0.400		8.60			0.0005	12.000
		MAXIMUM	0.30		58.0	0.400	0.0012	11.00	0.004	0.001	0.0010	15.000
		ARITH MEAN	0.30		36.3	0.370	0.0011	6.31	0.002<A	0.001<A	0.0007	10.142
		GEOM MEAN			36.0	0.369		5.90	0.001<A	0.001<A		9.804
		MINIMUM	0.30		27.0	0.340	0.0010	1.60	0.001	0.001	0.0005	6.000
		STD DEV (GEOM #)			5.1	0.042		2.12	0.001<A	0.000<A		2.725
		# SAMP IN STATISTICS	58		58	2	3	56	4	4	2	12
		% SAMP (EXCLUDED)					40				96	

(CONTD)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLAP COLOUR APPARENT HZU	COLTR COLOUR TRUE HZU	COND25 CONDUCT. 25C UMHO/CM AT 25 C	COUT COBALT UNF.TOT. MG/L AS CO	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	DO DISOLVED OXYGEN MG/L AS O	ECNF ESCH'IA COLI MF CNT /100ML	FCNF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE
840104	0910	71000			158.0			0.0020	12.4		1100	
840112	1340	71001			145.0			0.0030	11.8		3000AID	
840116	0950	50001		91.000	140.0	0.0020<	0.0350	0.0030	12.2		8000AID	0.3100
840119	1135	71002			145.0			0.0030	12.0		6000AID	
840126	0930	71003			164.0			0.0030	12.4		900AID	
840201	0950	71004			179.0			0.0030	11.0		400AID	
840208	0940	71005			126.0			0.0030	11.9		400AID	
840214	0935	50014	94.000		158.0			0.0020	12.5		3000AID	0.3800
840215	0900	71006			134.0			0.0040	11.2		6800	
840221	1355	71007			181.0			0.0040	12.8		2100	
840228	1140	71008			139.0			0.0030	11.4		1300	
840308	1100	71009			122.0			0.0030	12.6		800AID	
840312	0930	50027		97.000	142.0			0.0030	13.0		100AID	0.2900
840314	1325	71010			147.0			0.0020	12.0		8000AID	
840320	1345	71011			129.0			0.0040	12.4		2000AID	
840329	1145	71012			141.0			0.0010	11.0		2000	
840404	0915	71013			164.0			0.0040	11.8		9000AID	
840412	0925	71014			131.0			0.0080	13.0		1000AID	
840416	0940	50040			122.0			0.0130	13.4		1300	6.5000
840418	1105	71015			112.0			0.0070	11.2		3600	
840426	0830	71016			144.0			0.0050	11.1		3000C	
840430	1620	74436			101.9			0.0060				
840502	1110	71017			115.0			0.0040	12.4		1700	
840508	1408	71018			132.0			0.0090	10.9		1000AID	
840517	1443	71019			145.0			0.0060	8.4		20000	
840522	1415	50063			175.0	0.0030	0.0280	0.0030	7.2		130	0.6900
840523	1336	71020			164.0			0.0260	8.1		300AID	
840531	1404	71021			144.0			0.0050	7.8		3000AID	
840606	0950	71022			139.0			0.0040	8.5		1900	
840614	0926	71023			116.0			0.0070	8.1		2400C	
840618	1330	50086			116.0			0.0030	8.0		40C	0.7600
840620	1035	71024			96.0			0.0040	8.3		700AID	
840627	0900	71025			121.0			0.0040	7.0		1800	
840709	1330	50109			135.0	0.0020	0.0110	0.0010	7.2		20C	0.6300
840711	1057	71026			128.0			0.0020	8.4		300C	
840718	1050	71027			155.0			0.0010	6.4		500C	
840725	1050	71028			127.0			0.0040	6.1		100C	
840801	1125	71029			136.0			0.0030	5.5		3000C	
840809	1240	71030			133.0			0.0030	5.8		16000	
840815	1115	71031			171.0			0.0030	5.1			

(CONTD)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLAP COLOUR APPARENT HZU	COLTR COLOUR TRUE HZU	COND25 CONDUCT. 25C UMHO/CM AT 25 C	COUT COBALT UNF.TOT. MG/L AS CO	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU	DO DISOLVED OXYGEN MG/L AS O	ECMF ESCH'IA COLI MF CNT /100ML	FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE
840815	1215	50132		139.000	164.0	0.0010<	0.0120	0.0030	6.0			0.6300
840823	1100	71032			156.0			0.0053	5.0		2000AID	
840830	1000	71033			139.0			0.0041	5.5		10000C	
840906	1500	71034			161.0			0.0035	7.4		600C	
840912	0915	71035			176.0			0.0032	5.8		1000C	
840917	1210	50155		111.000	146.0	0.0020<	0.0350	0.0045	8.6		1000C	0.4400
840920	0920	71036			184.0			0.0043	5.7		700C	
840927	1030	71037			166.0			0.0018	9.2		100C	
841003	1035	71038			172.0			0.0039	8.3		4000AID	
841009	1050	71039			188.0			0.0037	7.1	2000C	2000C	
841017	0935	71040			192.0			0.0053	7.2	100<		
841022	1210	50178		154.000	227.0				9.6	400C		
841024	1045	71041			227.0			0.0062	8.9	200C		
841031	0930	71042			202.0			0.0043	9.8	100C		
841107	1045	71043			188.0			0.0061	11.9	1000AID		
841115	0900	71044			168.0			0.0049	11.0	400AID		
84111*	1010	50191		123.000	180.0	0.002 <	0.033	0.030	12.4	9000C		0.430
841210	0950	50198		116.000	172.0	0.002	0.039	0.0040	13.8	100<		0.710
	MAXIMUM		94.000	154.000	227.0	0.0030	0.039	0.030	13.8	9000	20000	6.5000
	ARITH MEAN		94.000	118.714	151.4	0.002	0.028	0.005	9.6	1871	2938	1.070
	GEOM MEAN			116.951	148.9		0.025	0.004	9.2		1250	0.630
	MINIMUM		94.000	91.000	96.0	0.0020	0.0110	0.0010	5.0	100	20	0.2900
	STD DEV (GEOM *)			22.291	27.9		0.011	0.005	2.6		5*	1.809
# SAMP IN STATISTICS			1	7	58	3	7	57	57	7	47	11
% SAMP (EXCLUDED)						57				22		

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDT HARDNESS TOTAL MG/L AS CACO3	HGUT MERCURY UNF.TOT. UG/L AS HG	MNUT MANGANSE UNF.TOT. MG/L AS MN	NIUT NICKEL UNF.TOT. MG/L AS NI	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	*NO2FR NO2-N FIL.REAC MG/L AS N
840104	0910	71000		4	1.0		0.050<					
840112	1340	71001		4	0.5		0.050<					
840116	0950	50001	7.0	4	1.0	41.000	0.050<	0.030	0.002	0.010<		0.011
840119	1135	71002		4	1.0		0.050<					
840126	0930	71003		4	1.0		0.050<					
840201	0950	71004		9	1.0		0.050<					
840208	0940	71005		4	1.0		0.050<					
840214	0935	50014	7.2	9	2.0	40.000	0.050<	0.028		0.010<		0.012
840215	0900	71006		9	2.0		0.050<					
840221	1355	71007		9	2.0		0.050<					
840228	1140	71008			3.0		0.050<					
840308	1100	71009		9 4	1.0		0.050<					
840312	0930	50027	7.2	4	1.0	42.000	0.050<	0.030		0.020		0.005
840314	1325	71010		9	1.0		0.050<					
840320	1345	71011			1.0		0.050<					
840329	1145	71012		9	1.5		0.050<					
840404	0915	71013		9	1.0		0.050<					
840412	0925	71014		9	2.0		0.050<					
840416	0940	50040	7.3	9	2.0	41.000	0.050<	0.130		0.040		0.010
840418	1105	71015		9	4.5		0.050<					
840426	0830	71016		9	11.0		0.050<					
840430	1620	74436					0.010				0.205	0.0150
840502	1110	71017		9	4.5		0.050<					
840508	1408	71018		9	8.2		0.050<					
840517	1443	71019		9	14.5		0.050<					
840522	1415	50063	7.1	9 0	15.0	43.000	0.050<	0.054	0.003	0.010<		0.006
840523	1336	71020		9	16.0		0.050<					
840531	1404	71021		9	16.0		0.050<					
840606	0950	71022		9	16.5		0.050<					
840614	0926	71023			14.5		0.050<					
840618	1330	50086	7.0	0 9	17.0	44.000		0.033		0.010		0.008
840620	1035	71024		9	17.0		0.050<					
840627	0900	71025		9	19.0		0.050<					
840709	1330	50109	7.2	9	21.0	50.000	0.050<	0.044	0.004	0.030		0.040
840711	1057	71026		9	22.0		0.050<					
840718	1050	71027		3	19.0		0.050<					
840725	1050	71028			23.0		0.050<					
840801	1125	71029		9	21.5		0.050<					
840809	1240	71030		9	21.0		0.050<					
840815	1115	71031		9 3	22.0		0.050<					

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

#=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNOTFR	NNO2FR
						HARDNESS	MERCURY	MANGANSE	NICKEL	NH3-N TOTAL	NO2+NO3N	NO2-N
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	TOTAL MG/L AS CACO3	UNF.TOT. UG/L AS HG	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N
840615	1215	50132	7.2		23.5	47.000	0.050<	0.048		0.010<		0.006
840823	1100	71032		9	21.0		0.050<					
840830	1000	71033		9	21.5		0.050<					
840906	1500	71034		9	19.0		0.050<					
840912	0915	71035		9	17.0		0.050<					
840917	1210	50155	7.4		15.0	44.000	0.050<	0.046	0.002<	0.010		0.004
840920	0920	71036		9	16.0		0.050<					
840927	1030	71037		9	10.0		0.050<					
841003	1035	71038		9	11.0		0.050<					
841009	1050	71039		9	12.0		0.050<					
841017	0935	71040		9	13.0		0.050<					
841022	1210	50178	7.3		8.0	72.000				0.020		0.008
841024	1045	71041		9	8.0		0.050<					
841031	0930	71042		9	5.5		0.050<					
841107	1045	71043		9	2.0		0.050<					
841115	0900	71044		9	4.5		0.050<					
841119	1010	50191	7.2		1.5	48.000	0.050<	0.050	0.002<	0.010<		0.010
841210	0950	50198	7.3		1.0	46.000	0.050<	0.051	0.002<	0.010<		0.007
		MAXIMUM	7.4		23.5	72.000	0.010	0.130	0.004	0.040	0.205	0.040
		ARITH MEAN	7.2		9.8	46.500	0.010	0.049	0.003	0.022	0.205	0.011
		GEOM MEAN	7.2		5.5	45.917		0.045				0.009
		MINIMUM	7.0		0.5	40.000	0.010	0.028	0.002	0.010	0.205	0.004
		STD DEV (GEOM #)	0.1		8.1	8.597		0.028				0.009
		# SAMP IN STATISTICS	12		57	12	1	11	3	6	1	13
		% SAMP (EXCLUDED)					98		50	50		

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02 001 7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

**=INTERIM TEST-NAME:			NNO3FR	NNTKUR	PBUT	PH	PPO4FR	PPUT	PSAMF	P1ALDR	P1BHCA	P1BHCB
			NO3-N	K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR	PSEUDOMN AERUG.			
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	MF CNT /100ML	ALDRIN NG/L	BHC ALPHA NG/L	BHC BETA NG/L
840104	0910	71000	0.170		0.003 <	7.30	0.015	0.026	4<			
840112	1340	71001	0.050		0.007	7.00	0.007	0.037	4			
840116	0950	50001	0.010	0.480	0.003 <	7.00	0.006	0.031				
840119	1135	71002	0.050		0.003 <	7.00	0.004	0.031	12			
840126	0930	71003	0.040		0.003 <	7.20	0.003	0.035	4<			
840201	0950	71004	0.070		0.003 <	7.30	0.004	0.034	4<			
840208	0940	71005	0.070		0.003	7.40	0.003	0.032	4<			
840214	0935	50014	0.110	0.460		7.50	0.004	0.030				
840215	0900	71006	0.160		0.003 <	7.50	0.003	0.029	8			
840221	1355	71007	0.100		0.003	7.30	0.005	0.035	12			
840228	1140	71008	0.090		0.003 <	7.40	0.004	0.038	4<			
840308	1100	71009	0.100		0.003 <	7.50	0.004	0.029	16			
840312	0930	50027	0.220	0.480		7.30	0.016	0.030				
840314	1325	71010	0.090		0.003 <	7.30	0.002	0.039				
840320	1345	71011	0.090		0.003 <	7.50	0.003	0.033	4			
840329	1145	71012	0.220		0.003 <	7.60	0.017	0.051	4			
840404	0915	71013	0.200		0.003 <	7.60	0.009	0.038	4<			
840412	0925	71014	0.300		0.003 <	7.40	0.009	0.100	4<			
840416	0940	50040	0.290	0.750		7.60	0.019	0.150				
840418	1105	71015	0.210		0.003	7.60	0.006	0.076	4<			
840426	0830	71016	0.030		0.003 <	7.30	0.006	0.066	4<			
840430	1620	70436	0.190		0.003 <	7.00	0.011	0.077				
840502	1110	71017	0.110		0.003 <	7.40	0.005	0.057				
840508	1408	71018	0.140		0.005	7.50	0.017	0.094	4<			
840517	1443	71019	0.010		0.003 <	7.60	0.004	0.058	4<			
840522	1415	50063	0.010	0.540	0.003 <	7.30	0.003	0.044				
840523	1336	71020	0.010<		0.004	7.30	0.003	0.045	4<			
840531	1404	71021	0.010		0.003 <	7.40	0.002	0.059	4<			
840606	0950	71022	0.010		0.003 <	7.30	0.006	0.058	4<			
840614	0926	71023	0.090		0.003 <	7.70	0.007	0.062	4			
840618	1330	50086	0.050	0.540		7.30	0.004	0.031				
840620	1035	71024	0.050		0.005	7.70	0.004	0.039	4<			
840627	0900	71025	0.030		0.003	7.60	0.003	0.044	8			
840709	1330	50109	0.040	0.560	0.003	7.50	0.004	0.043		1<W	1<W	1<W
840711	1057	71026	0.001		0.003 <	7.20	0.007	0.048	4<			
840718	1050	71027	0.010<		0.003 <	6.90	0.003	0.041	4<			
840725	1050	71028	0.010<		0.003 <	7.20	0.004	0.040	24			
840801	1125	71029	0.010		0.003 <	7.10	0.008	0.043	8C			
840809	1240	71030	0.060		0.003 <	7.30	0.005	0.027	4			
840815	1115	71031	0.010		0.007	6.80	0.009	0.058				

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02 001 7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

#=INTERIM TEST-NAME:			NNO3FR	NNTKUR K'DAHL N	PBUT	PH	PPO4FR	PPUT	PSAHF PSEUDOMN AERUG.	P1ALDR	P1BHCA	P1BHCB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NO3-N FIL.REAC MG/L AS N	TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	ALDRIN NG/L	BHC ALPHA NG/L	BHC BETA NG/L
840815	1215	50132	0.010<	0.510	0.003 <	6.90	0.004	0.038				
840823	1100	71032	0.010		0.003 <	6.30	0.007	0.048	8			
840830	1000	71033	0.010<		0.003 <	7.30	0.004	0.059	4			
840906	1500	71034	0.010<		0.003 <	7.10	0.004	0.042	4<			
840912	0915	71035	0.020		0.003 <	6.90	0.003	0.070	4<			
840917	1210	50155	0.010	0.500	0.003	7.20	0.004	0.046				
840920	0920	71036	0.010		0.005	7.00	0.004	0.057	12C			
840927	1030	71037	0.010<		0.0035	7.30	0.005	0.044	10<			
841003	1035	71038	0.010<		0.003 <	7.40	0.005	0.051	12			
841009	1050	71039	0.010<		0.0035<	7.10	0.006	0.051	30AID			
841017	0935	71040	0.010		0.003 <	7.30	0.007	0.073	40AID			
841022	1210	50178	0.100	0.790		7.50	0.007	0.071				
841024	1045	71041	0.080		0.003 <	7.30	0,010	0.069	8			
841031	0930	71042	0.010		0.003 <	7.40	0.009	0.066	10AID			
841107	1045	71043	0.130		0.003 <	7.30	0.005	0.043	10AID			
841115	0900	71044	0.050		0.003 <	7.20	0.005	0.040	10<			
841119	1010	50191	0.110	0.680	0.003 <	7.20	0.005	0.050				
841210	0950	50198	0.190	0.570	0.003 <	7.10	0.016	0.050				
	MAXIMUM		0.300	0.790	0.007	7.70	0.019	0.150	40	1	1	1
	ARITH MEAN		0.086	0.572	0.004	7.28	0.006	0.050	12	1<A	1<A	1<A
	GEOM MEAN			0.563		7.28	0.005	0.047				
	MINIMUM		0.001	0.460	0.003	6.30	0.002	0.026	4	1	1	1
	STD DEV (GEOM #)			0.109		0.25	0.004	0.021				
# SAMP IN STATISTICS			49	12	13	58	58	58	21	1	1	1
% SAMP (EXCLUDED)			15		75				50			

(CONTD)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02 001 7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

#=INTERIM TEST-NAME:			P1BHCG	P1CHLA	P1CHLG	P1DIEL	P1DMDT	P1ENDR	P1ENDS	P1END1	P1END2	P1HEPE
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	BHC GAMMA NG/L	CHLRDANE ALPHA NG/L	CHLRDANE GAMMA NG/L	DIELDRIN NG/L	DMDT MTHXYLLR NG/L	ENDRIN NG/L	ENDOSULP SULPHATE NG/L	ENDOSULP I NG/L	ENDOSULP II NG/L	HEPTA CHLOR EPOXIDE NG/L
840709	1330	50109	1<W	2<W	2<W	2<W	5<W	4<W	4<W	2<W	4<W	1<W
		MAXIMUM	1	2	2	2	5	4	4	2	4	1
		ARITH MEAN	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A	4<A	1<A
		GEOM MEAN										
		MINIMUM	1	2	2	2	5	4	4	2	4	1
		STD DEV (GEOM #)										
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSP	RST
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L
840104	0910	71000									3.0	
840112	1340	71001									5.0	
840116	0950	50001					20<W				2.0	130.00
840119	1135	71002									4.0	
840126	0930	71003									2.0	
840201	0950	71004									2.0	
840208	0940	71005									2.0	
840214	0935	50014					20<W				3.0	150.00
840215	0900	71006									3.0	
840221	1355	71007									1.0	
840228	1140	71008									4.0	
840308	1100	71009									4.0	
840312	0930	50027					20<W				4.0	130.00
840314	1325	71010									4.0	
840320	1345	71011									5.0	
840329	1145	71012									15.0	
840404	0915	71013									25.0	
840412	0925	71014									65.0	
840416	0940	50040					20<W				95.0	210.00
840418	1105	71015					20<W				25.0	
840426	0830	71016									20.0	
840430	1620	74436									51.94	
840502	1110	71017					20<W				20.0	
840508	1408	71018									60.0	
840517	1443	71019									12.0	

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.96 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

#=INTERIM TEST-NAME:			P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSP	RST
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L
840522	1415	50063									8.0	150.00
840523	1336	71020									10.0	
840531	1404	71021									20.0	
840606	0950	71022									25.0	
840614	0926	71023									35.0	
840618	1330	50086					20<W				9.0	130.00
840620	1035	71024									15.0	
840627	0900	71025									18.0	
840709	1330	50109	1<W	5<W	2<W	5<W	20<W	5<W	1<W	5<W	9.0	130.00
840711	1057	71026									8.0	
840718	1050	71027									10.0	
840725	1050	71028									9.0	
840801	1125	71029									8.0	
840809	1240	71030									6.00	120.00
840815	1115	71031									9.00	160.00
	1215	50132									8.00	160.00
840823	1100	71032									9.00	130.00
840830	1000	71033									15.00	140.00
840906	1500	71034									6.00	130.00
840912	0915	71035									10.00	170.00
840917	1210	50155									5.00	140.00
840920	0920	71036									7.00	140.00
840927	1030	71037									6.00	130.00
841003	1035	71038									7.00	120.00
841009	1050	71039									8.00	180.00
841017	0935	71040									25.00	160.00
841022	1210	50178									15.00	200.00
841024	1045	71041									15.00	230.00
841031	0930	71042									9.00	180.00
841107	1045	71043									8.00	130.00
841115	0900	71044									4.00	230.00
841119	1010	50191									8.00	160.00
841210	0950	50198									8.00	160.00
	MAXIMUM		1	5	2	5	20	5	1	5	95.0	230.00
	ARITH MEAN		1<A	5<A	2<A	5<A	20<A	5<A	1<A	5<A	12.9	155.56
	GEOM MEAN						20<A				8.8	152.77
	MINIMUM		1	5	2	5	20	5	1	5	1.0	120.00
STD DEV (GEOM #)							0<A				17.0	31.66
# SAMP IN STATISTICS			1	1	1	1	8	1	1	1	58	27
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02 001 7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

*=INTERIM TEST-NAME:			TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	X1HCBD	X2HCB	X2HCE	X2OCST	X2PNCB	X2T236	X2T245
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	CNT /100ML	TURB'ITY FTU	HXCHLORO BUTADINE NG/L	HCB NG/L	HCE NG/L	OCTCHLOR STYRENE NG/L	PENTA CHLORO BENZENE NG/L	2,3,6 TRCHLORO TOLUENE NG/L	2,4,5 TRCHLORO TOLUENE NG/L
840116	0950	50001	121000	7000AID	3.10							
840214	0935	50014	300000	7000C	3.70							
840312	0930	50027	130000	4000AID	2.60							
840416	0940	50040	59000	3000AID	49.00							
840522	1415	50063	29000	31000	6.80							
840618	1330	50086	131000	10000	5.60							
840709	1330	50109	125000	20000	5.30	1<W	1<W	1<W	1<W	1<W	5<W	5<W
840815	1215	50132			5.90							
840917	1210	50155	970000	20000AID	4.30							
841022	1210	50178	1360000		18.00							
841119	1010	50191	3500000		5.20							
841210	0950	50198	4700000		5.20							
		MAXIMUM	4700000	31000	49.00	1	1	1	1	1	5	5
		ARITH MEAN	1038636	12750	9.56	1<A	1<A	1<A	1<A	1<A	5<A	5<A
		GEOM MEAN	313444	9613	6.26							
		MINIMUM	29000	3000	2.60	1	1	1	1	1	5	5
		STD DEV (GEOM *)	5*	2*	13.04							
		# SAMP IN STATISTICS	11	8	12	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			X2T26A 2,6,A TRCHLORO TOLUENE	X2123 1,2,3 TRCHLORO BENZENE	X21234 1,2,3,4 TECHLORO BENZENE	X21235 1,2,3,5 TECHLORO BENZENE	X2124 1,2,4 TRCHLORO BENZENE	X21245 1,2,4,5 TECHLORO BENZENE	X2135 1,3,5 TRCHLORO BENZENE	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	
840116	0950	50001								0.0130
840214	0935	50014								0.0040
840312	0930	50027								0.0040
840416	0940	50040								0.0200
840522	1415	50063								0.0060
840618	1330	50086								0.0030
840709	1330	50109	5<W	5<W	1<W	1<W	5<W	1<W	5<W	0.0040
840815	1215	50132								0.0050
840917	1210	50155								0.0071
841119	1010	50191								0.0090
841210	0950	50198								0.0070

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 21 32.00 LONG: 089 17 14.98 U T M: 16 0330550.0 5358500.0 4 REGION: 06 DISTANCE: 6.759

*=INTERIM TEST-NAME:		X2T26A 2,6,A TRCHLORO	X2123 1,2,3 TRCHLORO	X21234 1,2,3,4 TECHLORO	X21235 1,2,3,5 TECHLORO	X2124 1,2,4 TRCHLORO	X21245 1,2,4,5 TECHLORO	X2135 1,3,5 TRCHLORO	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TOLUENE NG/L	BENZENE NG/L	BENZENE NG/L	BENZENE NG/L	BENZENE NG/L	BENZENE NG/L	BENZENE NG/L	UNF.TOT. MG/L AS ZN
		MAXIMUM	5	5	1	1	5	1	5	0.0200
		ARITH MEAN	5<A	5<A	1<A	1<A	5<A	1<A	5<A	0.0075
		GEOM MEAN								0.0063
		MINIMUM	5	5	1	1	5	1	5	0.0030
		STD DEV (GEOM *)								0.0050
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	11
		% SAMP (EXCLUDED)								

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: UPSTREAM OF HIGHWAY NO 61 BRIDGE
STATION TYPE: RIVER

STATION ID: 01-0108-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02 001 7920

LAT: 48 20 44.57 LONG: 089 18 18.45 U T M: 16 0329200.0 5357075.0 4 REGION: 06 DISTANCE: 8.851

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840116	0920	50000	0.30	0101	31.0		0.0011	0.40	0.001<W	0.001<W	0.0005<	1.300
840214	0910	50013	0.30	0101	30.0			0.30				2.100
840312	0915	50026	0.30	0101	29.0			1.00				1.100
840416	0915	50039	0.30	0101	29.0			1.30				2.100
840522	1430	50062	0.30	0103	32.0		0.0010<	0.50	0.001<W	0.001<W	0.0005<	2.300
840618	1345	50085	0.30	0101	28.0			0.60				1.300
840709	1315	50107	0.30	0103	31.0		0.0010	0.40	0.001<W	0.001<W	0.0005<	1.300
840815	1230	50130	0.30	0101	31.0			0.60				1.200
840917	1225	50153	0.30	0101	31.0		0.0010	0.50			0.0005<	1.100
841022	1225	50176	0.30	0101	55.0			0.60				4.200
841119	0940	50190	0.30	0101	33.0	0.170		1.40			0.0005<	2.300
841210	0930	50204	0.30	0101	36.0			0.30				1.900
	MAXIMUM		0.30		55.0	0.170	0.0011	1.40	0.001	0.001		4.200
	ARITH MEAN		0.30		33.0	0.170	0.0010	0.66	0.001<A	0.001<A		1.850
	GEOM MEAN				32.5			0.58	0.001<A	0.001<A		1.703
	MINIMUM		0.30		28.0	0.170	0.0010	0.30	0.001	0.001		1.100
STD DEV (GEOM *)					7.2			0.37	0.000<A	0.000<A		0.880
# SAMP IN STATISTICS		12			12	1	3	12	3	3		12
% SAMP (EXCLUDED)							25					

*=INTERIM TEST-NAME:		COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF FECAL	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840116	0920	50000	67.000		81.0	0.0020<	0.0020	0.0040	11.2		4	0.3600
840214	0910	50013	68.000		87.0			0.0020	13.2		4	0.3300
840312	0915	50026	76.000		80.0			0.0030	13.2		20	0.3000
840416	0915	50039		129.000	80.0			0.0100	13.8		4	5.7000
840522	1430	50062			89.0	0.0020<	0.0020<	0.0020	8.4		28	0.5600
840618	1345	50085			77.0			0.0020	8.4		8	0.6500
840709	1315	50107	93.000		81.0	0.0020	0.0030	0.0010	8.0		4	0.3900
840815	1230	50130	96.000		83.0			0.0020	7.5			0.4000
840917	1225	50153	80.000		78.0	0.0020<	0.0020<	0.0031	9.3		8	0.2800
841022	1225	50176		133.000	142.0				10.0	164		
841119	0940	50190	86.000		91.0	0.0020<	0.0020	0.0030	13.3	10<		0.430
841210	0930	50204	81.000		95.0				13.7	10<		

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: UPSTREAM OF HIGHWAY NO 61 BRIDGE
STATION TYPE: RIVER

STATION ID: 01-0108-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 20 44.57 LONG: 089 18 18.45 U T M: 16 0329200.0 5357075.0 4 REGION: 06 DISTANCE: 8.851

*=INTERIM TEST-NAME:		COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
	MAXIMUM	96.000	133.000	142.0	0.0020	0.0030	0.0100	13.8	164	28	5.7000
	ARITH MEAN	80.875	131.000	88.7	0.0020	0.0023	0.0032	10.8	164	10	0.940
	GEOM MEAN	80.265	130.985	87.4			0.0027	10.6		7	0.518
	MINIMUM	67.000	129.000	77.0	0.0020	0.0020	0.0010	7.5	164	4	0.2800
	STD DEV (GEOM *)	10.589	2.828	17.7			0.0025	2.5		2*	1.676
	# SAMP IN STATISTICS	8	2	12	1	3	10	12	1	8	10
	% SAMP (EXCLUDED)				80	40			66		

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840116	0920 50000	7.0	4	1.0	36.000	0.008	0.002<				
840214	0910 50013	7.0	4	1.0	37.000	0.010					
840312	0915 50026	7.0	4	0.3	39.000	0.009					
840416	0915 50039	6.8		1.5	39.000	0.100					
840522	1430 50062	7.3		13.0	29.000	0.019	0.002<				
840618	1345 50085	7.2	6	16.0	40.000	0.020					
840709	1315 50107	7.4	6	19.5	40.000	0.017	0.003	0.010<	0.005	0.010	0.540
840815	1230 50130	7.6		22.0	44.000	0.019		0.010	0.004	0.110	0.450
840917	1225 50153	7.6		14.5	36.000	0.012	0.002<	0.010<	0.003	0.110	0.350
841022	1225 50176	7.5		7.0	62.000			0.010	0.008	0.210	0.680
841119	0940 50190	7.5	4	1.0	46.000	0.018	0.002<	0.010	0.004	0.200	0.620
841210	0930 50204	7.3		0.5	44.000			0.010<	0.005	0.200	0.390
	MAXIMUM	7.6		22.0	62.000	0.100	0.003	0.010	0.008	0.210	0.680
	ARITH MEAN	7.3		8.1	41.000	0.023	0.003	0.010	0.005	0.140	0.505
	GEOM MEAN	7.3		3.4	40.361	0.017			0.005	0.100	0.491
	MINIMUM	6.8		0.3	29.000	0.008	0.003	0.010	0.003	0.010	0.350
	STD DEV (GEOM *)	0.3		8.3	8.000	0.027			0.002	0.078	0.131
	# SAMP IN STATISTICS	12		12	12	10	1	3	6	6	6
	% SAMP (EXCLUDED)						80	50			

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: UPSTREAM OF HIGHWAY NO 61 BRIDGE
STATION TYPE: RIVER

STATION ID: 01-0108-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 20 44.57 LONG: 089 18 18.45 U T M: 16 0329200.0 5357075.0 4 REGION: 06 DISTANCE: 8.851

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PPO4FR PO4 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	RST RESIDUE TOTAL MG/L	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840116	0920	50000	0.003<	7.20	0.003	0.012	2.00	75.00	80AID	380	1.40	0.0080
840214	0910	50013		7.40	0.001	0.011	2.00	100.00	110	480	1.60	0.0060
840312	0915	50026		7.60	0.002	0.011	2.00	90.00	330	1000	1.40	0.0010
840416	0915	50039		7.50	0.018	0.120	75.00	150.00	330	1500	46.0	0.0150
840522	1430	50062	0.003<	7.60	0.002	0.021	7.00	75.00	200AID	5000	4.90	0.0020
840618	1345	50085		7.60	0.003	0.021	9.00	85.00	90C	4000	4.50	0.0020
840709	1315	50107	0.003<	7.70	0.002	0.018	4.00	90.00	300AID	2000	2.80	0.0010
840815	1230	50130		7.40	0.002	0.016	4.00	80.00			2.90	0.0010
840917	1225	50153	0.003<	7.70	0.001	0.012	2.00	80.00	130	2400	2.20	0.0016
841022	1225	50176		7.80	0.008	0.042	10.00	160.00	700AID		21.00	
841119	0940	50190	0.003<	7.40	0.002	0.010	2.00	110.00	60AID		2.80	0.0030
841210	0930	50204		7.40	0.002	0.014	4.00	35.00	1190		2.80	
		MAXIMUM		7.80	0.018	0.120	75.00	160.00	1190	5000	46.0	0.0150
		ARITH MEAN		7.52	0.004	0.026	10.25	94.17	320	2095	7.9	0.0041
		GEOM MEAN		7.52	0.003	0.018	4.63	88.44	209	1505	3.8	0.0026
		MINIMUM		7.20	0.001	0.010	2.00	35.00	60	380	1.40	0.0010
		STD DEV (GEOM *)		0.17	0.005	0.031	20.59	33.70	3*	3*	13.2	0.0045
		# SAMP IN STATISTICS		12	12	12	12	12	11	8	12	10
		% SAMP (EXCLUDED)										

B.O.M./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: MIDDLE OF TURNING BASIN
STATION TYPE: RIVER

STATION ID: 01-0108-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 20 44.03 LONG: 089 18 05.06 U T M. 16 0329475.0 5357050.0 4 REGION: 06 DISTANCE: 8.047

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COLTR	COND25	DO	ECMF	FCMF
					ALK	BOD 5 DAY	CHLORIDE		CONDUCT.	DISOLVED	ESCH'IA	FECAL COLIFORM
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS CL-	COLOUR TRUE HZU	25C UMHO/CM AT 25 C	OXYGEN MG/L AS O	COLI MF CNT /100ML	MF CNT /100ML
840522	1430	50061	0.30	0101	35.0	5.80	10.000		168.0	8.3		70AID
840618	1340	50084	0.30	0101	30.0	3.20	5.400		109.0	8.4		60AID
840709	1320	50108	0.30	0101	37.0	5.60	8.700	120.000	130.0	7.3		200C
840815	1220	50131	0.30	0101	36.0	7.20	14.000	163.000	164.0	7.2		
840917	1215	50154	0.30	0101	36.0	5.80	11.000	116.000	141.0	8.2		3000C
841022	1215	50177	0.30	0101	58.0	6.40	15.000	149.000	237.0	10.2	100C	
		MAXIMUM	0.30		58.0	7.20	15.000	163.000	237.0	10.2	100	3000
		ARITH MEAN	0.30		38.7	5.67	10.683	137.000	158.2	8.3	100	833
		GEOM MEAN			37.8	5.50	10.137	135.598	153.4	8.2		224
		MINIMUM	0.30		30.0	3.20	5.400	116.000	109.0	7.2	100	60
		STD DEV (GEOM *)			9.8	1.34	3.523	22.730	44.4	1.1		6*
		# SAMP IN STATISTICS	6		6	6	6	4	6	6	1	4
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PH	PPO4FR
							NH3-N			K'DAHL N		
						HARDNESS	TOTAL	NO2-N	NO3-N	TOTAL		PO4
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	TOTAL MG/L AS CACO3	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	PH	FIL.REAC MG/L AS P
840522	1430	50061	7.2	9	14.0	44.000					7.40	0.003
840618	1340	50084	7.1	9	17.5	41.000					7.40	0.003
840709	1320	50108	7.2	9	21.0	46.000	0.010<	0.005	0.020		7.50	0.005
840815	1220	50131	7.3		23.0	49.000	0.010<	0.007	0.010<	0.560	7.00	0.005
840917	1215	50154	7.5		15.5	42.000	0.010<	0.004	0.010<	0.500	7.30	0.006
841022	1215	50177	7.2		8.5	73.000	0.010	0.006	0.120	0.770	7.60	0.008
		MAXIMUM	7.5		23.0	73.000	0.010	0.007	0.120	0.770	7.60	0.008
		ARITH MEAN	7.2		16.6	49.167	0.010	0.005	0.070	0.610	7.37	0.005
		GEOM MEAN	7.2		15.8	48.153		0.005		0.600	7.36	0.005
		MINIMUM	7.1		8.5	41.000	0.010	0.004	0.020	0.500	7.00	0.003
		STD DEV (GEOM *)	0.1		5.2	12.024		0.001		0.142	0.21	0.002
		# SAMP IN STATISTICS	6		6	6	1	4	2	3	6	6
		% SAMP (EXCLUDED)					75		50			

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: MIDDLE OF TURNING BASIN
STATION TYPE: RIVER

STATION ID: 01-0108-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 20 44.03 LONG: 089 18 05.06 U T M: 16 0329475.0 5357050.0 4 REGION: 06 DISTANCE: 8.047

H=INTERIM TEST-NAME:			PPUT	RSP	RST	TCMF	TCMFBK	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU
840522	1430	50061	0.038	10.00	140.00	12000	20000	7.00
840618	1340	50084	0.034	10.00	110.00	46000AID	15000	5.50
840709	1320	50108	0.048	7.00	140.00	150000>	1000000>	5.20
840815	1220	50131	0.057	7.00	160.00			6.60
840917	1215	50154	0.058	7.00	140.00	520000	20000AID	4.70
841022	1215	50177	0.069	15.00	220.00	980000		18.00
		MAXIMUM	0.069	15.00	220.00	980000	20000	18.00
		ARITH MEAN	0.051	9.33	151.67	389500	18333	7.83
		GEOM MEAN	0.049	8.95	148.27			6.94
		MINIMUM	0.034	7.00	110.00	12000	15000	4.70
		STD DEV (GEOM *)	0.013	3.14	37.10			5.06
		# SAMP IN STATISTICS	6	6	6	4	3	6
		% SAMP (EXCLUDED)				20	25	

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: NEAR MOUTH THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0108-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 23 33.45 LONG: 089 13 07.53 U T M: 16 0335750.0 5362100.0 4 REGION: 06

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840116	1150	50003	0.30	0101	45.0		0.0011	0.80	0.001<T	0.001<W	0.0005<	1.700
840214	1120	50016	0.30	0101	26.0			1.00				2.200
840312	1120	50029	0.30	0101	34.0			5.30				8.100
840416	1230	50042	0.30	0101	43.0			1.20				6.800
840522	1505	50065	0.30	0103	39.0		0.0010<	1.60	0.001<W	0.001<W	0.0005<	9.600
840618	1130	50088	0.30	0101	39.0			2.10				6.300
840709	1400	50111	0.30	0103	38.0		0.0010	2.10	0.001<W	0.001<W	0.0005<	7.200
840815	1315	50134	0.30	0101	42.0			1.70				7.300
840917	1320	50157	0.30	0101	42.0		0.0010	0.50			0.0005<	8.000
841022	1305	50180	0.30	0101	50.0			2.00				12.000
841119	1125	50193	0.30	0101	43.0	0.130		1.00			0.0005<	5.30C
841210	1050	50200	0.30	0101	45.0			2.00				7.300
		MAXIMUM	0.30		50.0	0.130	0.0011	5.30	0.001	0.001		12.000
		ARITH MEAN	0.30		40.5	0.130	0.0010	1.77	0.001<A	0.001<A		6.817
		GEOM MEAN			40.0			1.49	0.001<A	0.001<A		6.056
		MINIMUM	0.30		26.0	0.130	0.0010	0.50	0.001	0.001		1.700
	STD DEV (GEOM *)				6.1			1.24	0.000<A	0.000<A		2.834
# SAMP IN STATISTICS			12		12	1	3	12	3	3		12
% SAMP (EXCLUDED)							25					

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840116	1150	50003	6.000		109.0	0.0020<	0.0020<	0.0050	13.0		10<	0.0360
840214	1120	50016	7.000		82.0			0.0010	13.0		10<	0.0870
840312	1120	50029		104.000	135.0			0.0040	12.6		700AID	0.3700
840416	1230	50042	47.000		126.0			0.0030	10.7		160	0.9000
840522	1505	50065	73.000		137.0	0.0020<	0.0030	0.0020	4.6		1700C	0.5200
840618	1130	50088			126.0			0.0050	7.4		100C	0.8800
840709	1400	50111	83.000		130.0	0.0030	0.0120	0.0010	7.0		400C	0.5400
840815	1315	50134	72.000		139.0			0.0030	4.1			0.4200
840917	1320	50157	16.000		128.0	0.0020<	0.0030	0.0031	7.4		20AID	0.1900
841022	1305	50180	55.000		170.0				8.7	610		
841119	1125	50193	22.000		122.0	0.0020<	0.0025	0.0050	12.5	50AID		0.4800
841210	1050	50200	29.000		132.0				11.6	390		

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: NEAR MOUTH THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0108-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 23 33.45 LONG: 089 13 07.53 U T M: 16 0335750.0 5362100.0 4 REGION: 06

#=INTERIM TEST-NAME:		COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
	MAXIMUM	83.000	104.000	170.0	0.0030	0.0120	0.0050	13.0	610	1700	0.9000
	ARITH MEAN	41.000	104.000	128.0	0.0030	0.0051	0.0032	9.4	350	513	0.4423
	GEOM MEAN	29.406		126.4			0.0028	8.8	228		0.3158
	MINIMUM	6.000	104.000	82.0	0.0030	0.0025	0.0010	4.1	50	20	0.0360
STD DEV (GEOM #)		28.852		20.4			0.0015	3.3	4#		0.2942
# SAMP IN STATISTICS		10	1	12	1	4	10	12	3	6	10
% SAMP (EXCLUDED)					80	20				25	

#=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR NH3-N TOTAL	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N
840116	1150 50003	7.0	4	0.5	47.000	0.002	0.002<				
840214	1120 50016	6.9	4	0.5	32.000	0.008					
840312	1120 50029	7.0	4	0.5	43.000	0.029					
840416	1230 50042	6.7		1.0	52.000	0.041					
840522	1505 50065	6.8	9 0	13.0	48.000	0.039	0.002				
840618	1130 50088	6.9	9	14.5	53.000	0.036					
840709	1400 50111	6.8	9	19.0	48.000	0.036	0.004	0.110	0.006	0.100	0.680
840815	1315 50134	7.0		21.0	55.000	0.032		0.100	0.006	0.120	0.530
840917	1320 50157	7.5		12.0	48.000	0.012	0.002<	0.060	0.004	0.260	0.280
841022	1305 50180	7.3		9.0	61.000			0.720	0.008	0.280	1.300
841119	1125 50193	7.1		1.0	52.000	0.022	0.002<	0.160	0.005	0.300	0.440
841210	1050 50200	7.2		0.5	52.000			0.520	0.005	0.330	1.000
	MAXIMUM	7.5		21.0	61.000	0.041	0.004	0.720	0.008	0.330	1.300
	ARITH MEAN	7.0		7.7	49.250	0.026	0.003	0.278	0.006	0.232	0.705
	GEOM MEAN	7.0		3.0	48.719	0.020		0.185	0.006	0.210	0.622
	MINIMUM	6.7		0.5	32.000	0.002	0.002	0.060	0.004	0.100	0.280
STD DEV (GEOM #)		0.2		8.0	7.098	0.014		0.274	0.001	0.097	0.380
# SAMP IN STATISTICS		12		12	12	10	2	6	6	6	6
% SAMP (EXCLUDED)							60				

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: NEAR MOUTH THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0108-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 23 33.45 LONG: 089 13 07.53 U T M: 16 0335750.0 5362100.0 4 REGION: 06

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840116	1150	50003	0.003<	7.50	0.002	0.007	1.00	75.00	200AID	100AID	0.40	0.0080
840214	1120	50016		7.30	0.002	0.014	1.00	70.00	70AID	10<	0.95	0.0070
840312	1120	50029		7.30	0.005	0.050	5.00	130.00	1500000>	100E+05>	2.80	0.0060
840416	1230	50042		7.40	0.007	0.041	10.00	90.00	3000AID	20000	9.20	0.0040
840522	1505	50065	0.003<	7.20		0.050	6.00	100.00	56000	3000AID	4.30	0.0040
840618	1130	50088		7.20	0.006	0.091	10.00	120.00	112000	40000	5.50	0.0040
840709	1400	50111	0.003<	7.20	0.003	0.062	8.00	120.00	210000	20000AID	4.60	0.0030
840815	1315	50134		6.90	0.011	0.041	4.00	120.00			3.00	0.0030
840917	1320	50157	0.003	7.70	0.003	0.021	2.00	75.00	480	860	1.80	0.0016
841022	1305	50180		7.40	0.004	0.096	15.00	130.00	19000		8.90	
841119	1125	50193	0.003<	7.40	0.004	0.028	4.00	80.00	880		3.10	0.0020
841210	1050	50200		7.10	0.007	0.080	4.00	140.00	11200		3.20	
		MAXIMUM	0.003	7.70	0.011	0.096	15.00	140.00	210000	40000	9.20	0.0080
		ARITH MEAN	0.003	7.30	0.005	0.048	5.83	104.17	41283	13993	3.98	0.0043
		GEOM MEAN		7.30	0.004	0.038	4.35	101.24			2.99	0.0038
		MINIMUM	0.003	6.90	0.002	0.007	1.00	70.00	70	100	0.40	0.0016
	STD DEV (GEOM *)			0.20	0.003	0.029	4.22	25.30			2.78	0.0021
# SAMP IN STATISTICS			1	12	11	12	12	12	10	6	12	10
% SAMP (EXCLUDED)			80						9	25		

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT MISSION RIVER JUNCTION
STATION TYPE: RIVER

STATION ID: 01-0108-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 22 07.81 LONG: 089 15 02.90 U T M: 16 0333300.0 5359525.0 4 REGION: 06 DISTANCE: 4.023

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ALK	ALUMINUM	ARSENIC	BOD 5 DAY	CYANIDE AVAIL	CYANIDE FREE		
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AL	UNF.TOT. MG/L AS AS	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS HCN	UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840116	1050	50002	0.30	0101	36.0		0.0012	7.40	0.001<T	0.001<W	0.0005<	9.700
840214	1000	50015	0.30	0101	34.0			6.40				10.000
840312	0950	50028	0.30	0101	34.0			6.80				8.700
840416	0950	50041	0.30	0101	32.0			3.40				7.500
840522	1405	50064	0.30	0103	35.0		0.0010<	4.20	0.004<T	0.004<T	0.0005<	10.000
840618	1325	50087	0.30	0101	31.0			3.60				5.200
840709	1335	50110	0.30	0103	34.0		0.0010	6.40			0.0005<	8.400
840815	1200	50133	0.30	0101	38.0			5.20				13.000
840917	1200	50156	0.30	0101	38.0		0.0010	3.90			0.0005<	9.700
841022	1200	50179	0.30	0101	58.0			3.80				16.000
841119	1030	50192	0.30	0101	37.0	0.350		6.30			0.0005<	13.000
841210	1010	50199	0.30	0101	41.0			7.80				13.000
		MAXIMUM	0.30		58.0	0.350	0.0012	7.80	0.004	0.004		16.000
		ARITH MEAN	0.30		37.3	0.350	0.0011	5.43	0.002<A	0.002<A		10.350
		GEOM MEAN			36.8			5.21	0.002<A	0.002<A		9.951
		MINIMUM	0.30		31.0	0.350	0.0010	3.40	0.001	0.001		5.200
	STD DEV (GEOM *)				7.1			1.60	0.002<A	0.002<A		2.943
	# SAMP IN STATISTICS		12		12	1	3	12	2	2		12
	% SAMP (EXCLUDED)						25					

*=INTERIM TEST-NAME:			COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH
				CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL COLIFORM	IRON	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR TRUE HZU	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	COLI MF CNT /100ML	MF CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD
840116	1050	50002	90.000	146.0	0.0020<	0.0240	0.0060	13.0		500AID	0.3200	7.0
840214	1000	50015	114.000	160.0			0.0030	12.0		100<	0.4500	7.0
840312	0950	50028	115.000	144.0			0.0040	13.5		1500	0.4500	7.1
840416	0950	50041	131.000	117.0			0.0090	12.9		200AID	4.6000	7.1
840522	1405	50064		147.0	0.0020	0.0120	0.0040	7.0		200AID	1.2000	7.0
840618	1325	50087		113.0			0.0040	9.1		30C	0.8300	7.0
840709	1335	50110	98.000	137.0	0.0030	0.0200	0.0020	5.7		100AID	1.0000	6.8
840815	1200	50133	147.000	180.0			0.0020	3.8			0.6500	7.1
840917	1200	50156	86.000	145.0	0.0020<	0.0290	0.0049	5.6		200C	0.8900	7.2
841022	1200	50179	122.000	223.0				9.2	700C			7.2
841119	1030	50192	110.000	178.0	0.0020<	0.0300	0.0030	12.6	18000		0.4500	7.3
841210	1010	50199	103.000	183.0				12.4	300C			7.3

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT MISSION RIVER JUNCTION
STATION TYPE: RIVER

STATION ID: 01-0108-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 22 07.81 LONG: 089 15 02.90 U T M: 16 0333300.0 5359525.0 4 REGION: 06 DISTANCE: 4.023

*=INTERIM TEST-NAME:		COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
MAXIMUM		147.000	223.0	0.0030	0.0300	0.0090	13.5	18000	1500	4.6000	7.3
ARITH MEAN		111.600	156.1	0.0025	0.0230	0.0042	9.7	6333	390	1.0840	7.1
GEOM MEAN		110.224	153.4		0.0219	0.0038	9.0	1558		0.7741	7.1
MINIMUM		86.000	113.0	0.0020	0.0120	0.0020	3.8	300	30	0.3200	6.8
STD DEV (GEOM *)		18.674	30.9		0.0073	0.0021	3.5	9*		1.2677	0.1
# SAMP IN STATISTICS		10	12	2	5	10	12	3	7	10	12
% SAMP (EXCLUDED)				60					12		

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840116 1050	50002	4	0.5	43.000	0.029	0.004					0.003
840214 1000	50015	4	0.5	43.000	0.034						
840312 0950	50028	4	0.5	43.000	0.031						
840416 0950	50041		2.0	45.000	0.100						
840522 1405	50064	9 0	15.0	45.000	0.076	0.002					0.003
840618 1325	50087	9	17.0	43.000	0.036						
840709 1335	50110	9 0	19.0	45.000	0.056	0.005	0.030	0.006	0.040	0.560	0.003<
840815 1200	50133		23.0	50.000	0.053		0.010<	0.006	0.010<	0.540	
840917 1200	50156		14.0	44.000	0.045	0.002<	0.010	0.005	0.060	0.550	0.004
841022 1200	50179		9.0	72.000			0.010	0.008	0.030	0.740	
841119 1030	50192		1.5	48.000	0.048	0.002<	0.010<	0.010	0.120	0.660	0.003<
841210 1010	50199		1.0	50.000			0.010	0.013	0.120	0.640	
MAXIMUM			23.0	72.000	0.100	0.005	0.030	0.013	0.120	0.740	0.004
ARITH MEAN			8.6	47.583	0.051	0.004	0.015	0.008	0.074	0.615	0.003
GEOM MEAN			3.6	47.075	0.047			0.008		0.611	
MINIMUM			0.5	43.000	0.029	0.002	0.010	0.005	0.030	0.540	0.003
STD DEV (GEOM *)			8.6	8.118	0.022			0.003		0.079	
# SAMP IN STATISTICS			12	12	10	3	4	6	5	6	3
% SAMP (EXCLUDED)						40	33		16		40

(C O N T D)

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT MISSION RIVER JUNCTION
STATION TYPE: RIVER

STATION ID: 01-0108-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

LAT: 48 22 07.81 LONG: 089 15 02.90 U T M: 16 0333300.0 5359525.0 4 REGION: 06 DISTANCE: 4.023

*=INTERIM TEST-NAME:			PH	PP04FR	PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
								COLIFORM	COLIFORM		
				PO4	PHOSPHOR			TOTAL	TOTAL MF		ZINC
SAMPLE				FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE		MG/L	MG/L	PARTIC.	TOTAL	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	PH	AS P	AS P	MG/L	MG/L	/100ML	/100ML	FTU	AS ZN
840116	1050	50002	7.10	0.006	0.038	2.00	140.00	79000	9000AID	3.40	0.0200
840214	1000	50015	7.20	0.003	0.038	3.00	160.00	320000	10000AID	3.80	0.0190
840312	0950	50028	7.30	0.005	0.031	4.00	150.00	90000AID		2.60	0.0070
840416	0950	50041	7.40	0.020	0.110	50.00	170.00	330000	40000AID	44.00	0.0150
840522	1405	50064	7.00	0.002	0.059	20.00	140.00	150000	7000AID	8.40	0.0080
840618	1325	50087	7.40	0.003	0.033	10.00	120.00	270000	10000<	5.60	0.0030
840709	1335	50110	7.20	0.004	0.051	15.00	130.00	99000	20000	7.90	0.0060
840815	1200	50133	6.80	0.004	0.046	9.00	170.00			6.90	0.0060
840917	1200	50156	7.10	0.003	0.060	8.00	130.00	780000	40000AID	3.70	0.0080
841022	1200	50179	7.40	0.005	0.080	20.00	200.00	870000		18.00	
841119	1030	50192	7.10	0.006	0.051	6.00	140.00	600000		4.70	0.0060
841210	1010	50199	7.00	0.007	0.058	7.00	200.00	1390000		5.30	
		MAXIMUM	7.40	0.020	0.110	50.00	200.00	1390000	40000	44.00	0.0200
		ARITH MEAN	7.17	0.006	0.055	12.83	154.17	452545	21000	9.52	0.0098
		GEOM MEAN	7.16	0.005	0.051	8.81	152.19	298939		6.55	0.0084
		MINIMUM	6.80	0.002	0.031	2.00	120.00	79000	7000	2.60	0.0030
		STD DEV (GEOM *)	0.19	0.005	0.022	13.17	26.44	3*		11.60	0.0060
		# SAMP IN STATISTICS	12	12	12	12	12	11	6	12	10
		% SAMP (EXCLUDED)							14		

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: AT 104TH AVE THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

LAT: 48 22 37.69 LONG: 089 14 25.32 U T M: 16 0334100.0 5360425.0 4 REGION: 06 DISTANCE: 2.414

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840116	1200	50004	0.30	0101	43.0		0.0012	3.00	0.001<T	0.001<W	0.0005	5.800
840214	1130	50017	0.30	0101	40.0			3.10				7.800
840312	1130	50030	0.30	0101	34.0			4.30				9.500
840416	1155	50043	0.30	0101	35.0			3.30				8.600
840522	1450	50066	0.30	0101	38.0		0.0010<	3.40			0.0005<	12.000
840618	1135	50089	0.30	0101	34.0			2.50				5.800
840709	1340	50112	0.30	0101	36.0		0.0010	2.40			0.0005<	7.400
840815	1245	50135	0.30	0101	39.0			3.70				13.000
840917	1300	50158	0.30	0101	43.0		0.0010	0.90			0.0005<	9.600
841022	1245	50181	0.30	0101	47.0			1.50				8.700
841119	1135	50194	0.30	0101	43.0	0.250		1.20			0.0005<	6.800
841210	1100	50201	0.30	0101	44.0			3.20				8.400
	MAXIMUM		0.30		47.0	0.250	0.0012	4.30	0.001	0.001	0.0005	13.000
	ARITH MEAN		0.30		39.7	0.250	0.0011	2.71	0.001<A	0.001<A	0.0005	8.617
	GEOM MEAN				39.4			2.47				8.369
	MINIMUM		0.30		34.0	0.250	0.0010	0.90	0.001	0.001	0.0005	5.800
	STD DEV (GEOM *)				4.4			1.04				2.211
# SAMP IN STATISTICS			12		12	1	3	12	1	1	1	12
% SAMP (EXCLUDED)							25				80	

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840116	1200	50004	55.000		132.0	0.0020<	0.0130	0.0040	12.2		200AID	0.3200
840214	1130	50017	78.000		141.0			0.0030	10.8		300AID	0.3100
840312	1130	50030		103.000	145.0			0.0030	10.0		1200	0.4200
840416	1155	50043		140.000	128.0			0.0080	11.0		100AID	3.3000
840522	1450	50066			149.0	0.0020	0.0080	0.0070	6.9		2600C	1.1000
840618	1135	50089			117.0			0.0040	8.2		100C	0.8600
840709	1340	50112		85.000	135.0	0.0030	0.0150	0.0010	5.8		400C	0.6200
840815	1245	50135		121.000	172.0			0.0030	2.2			0.6200
840917	1300	50158	34.000		141.0	0.0020<	0.0050	0.0010<	7.6		230	0.3900
841022	1245	50181		30.000	153.0				8.4	300AID		
841119	1135	50194	29.000		130.0	0.0020<	0.0020	0.0040	13.6	290		0.520
841210	1100	50201	62.000		145.0				11.0	400C		

(C O N T D)

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: AT 104TH AVE THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

LAT: 48 22 37.69 LONG: 089 14 25.32 U T M: 16 0334100.0 5360425.0 4 REGION: 06 DISTANCE: 2.414

#=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
		MAXIMUM	78.000	140.000	172.0	0.0030	0.0150	0.0080	13.6	400	2600	3.3000
		ARITH MEAN	51.600	95.800	140.7	0.0025	0.0086	0.0041	9.0	330	641	0.848
		GEOM MEAN	48.278	85.047	140.0		0.0069		8.3	326	338	0.633
		MINIMUM	29.000	30.000	117.0	0.0020	0.0020	0.0010	2.2	290	100	0.3100
		STD DEV (GEOM *)	20.231	42.092	14.1		0.0054		3.1	1*	3*	0.898
		# SAMP IN STATISTICS	5	5	12	2	5	9	12	3	8	10
		% SAMP (EXCLUDED)				60		10				

#=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840116	1200	50004	7.0	4	1.0	46.000	0.022	0.002				
840214	1130	50017	6.9	4	1.0	43.000	0.025					
840312	1130	50030	6.8	4	0.5	45.000	0.033					
840416	1155	50043	6.9		2.5	45.000	0.076					
840522	1450	50066		9	5.0	48.000	0.065	0.002				
840618	1135	50089	6.9	9	16.0	47.000	0.036					
840709	1340	50112	6.8	9	19.0	46.000	0.040	0.003	0.100	0.005	0.080	0.810
840815	1245	50135	6.8		22.5	54.000	0.046		0.080	0.005	0.010<	0.700
840917	1300	50158	7.3		13.0	53.000	0.024	0.002<	0.290	0.005	0.220	0.640
841022	1245	50181	7.3		9.0	55.000			0.300	0.007	0.240	0.800
841119	1135	50194	7.2		1.0	56.000	0.029	0.002<	0.260	0.005	0.300	0.650
841210	1100	50201	6.9		1.5	50.000			0.080	0.005	0.260	0.750
		MAXIMUM	7.3		22.5	56.000	0.076	0.003	0.300	0.007	0.300	0.810
		ARITH MEAN	7.0		7.7	49.000	0.040	0.002	0.185	0.005	0.220	0.725
		GEOM MEAN	7.0		3.7	48.818	0.036		0.156	0.005		0.722
		MINIMUM	6.8		0.5	43.000	0.022	0.002	0.080	0.005	0.080	0.640
		STD DEV (GEOM *)	0.2		8.0	4.452	0.018		0.109	0.001		0.073
		# SAMP IN STATISTICS	11		12	12	10	3	6	6	5	6
		% SAMP (EXCLUDED)						40			16	

(C O N T D)

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: AT 104TH AVE THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

LAT: 48 22 37.69 LONG: 089 14 25.32 U T M: 16 0334100.0 5360425.0 4 REGION: 06 DISTANCE: 2.414

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840116	1200	50004	0.003<	7.10	0.004	0.037	3.00	110.00	12200	1700	2.80	0.0100
840214	1130	50017		7.10	0.002	0.036	17.00	130.00	154000	1000AID	2.70	0.0040
840312	1130	50030		7.20	0.015	0.086	5.00	110.00	57000	9000AID	2.90	0.0040
840416	1155	50043		7.40	0.019	0.130	30.00	150.00	92000	3000AID	33.00	0.0110
840522	1450	50066	0.006	7.00	0.002	0.090	15.00	130.00	123000	30000	7.90	0.0080
840618	1135	50089		7.20	0.003	0.062	10.00	110.00	110000AID	30000AID	6.60	0.0050
840709	1340	50112	0.003<	7.10	0.003	0.086	10.00	120.00	170000	10000AID	6.20	0.0030
840815	1245	50135		6.70	0.010	0.062	9.00	160.00			5.40	0.0050
840917	1300	50158	0.003<	7.40	0.006	0.049	3.00	90.00	7000AID	8000	2.70	0.0022
841022	1245	50181		7.40	0.011	0.088	20.00	120.00	53000		18.00	
841119	1135	50194	0.003<	7.20	0.003	0.042	7.00	90.00	4100		4.30	0.0030
841210	1100	50201		7.00	0.004	0.088	7.00	85.00	340000		4.10	
		MAXIMUM	0.006	7.40	0.019	0.130	30.00	160.00	340000	30000	33.00	0.0110
		ARITH MEAN	0.006	7.15	0.007	0.071	11.33	117.08	102027	11588	8.05	0.0055
		GEOM MEAN		7.15	0.005	0.066	9.05	115.00	54143	6530	5.66	0.0048
		MINIMUM	0.006	6.70	0.002	0.036	3.00	85.00	4100	1000	2.70	0.0022
		STD DEV (GEOM *)		0.20	0.006	0.028	7.95	23.20	4*	3*	8.92	0.0031
		# SAMP IN STATISTICS	1	12	12	12	12	12	11	8	12	10
		% SAMP (EXCLUDED)	80									

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: NEAR MOUTH CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

LAT: 48 22 38.68 LONG: 089 13 34.32 U T M: 16 0335150.0 5360425.0 4 REGION: 06 DISTANCE: 0.161

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ALK	ALUMINUM	ARSENIC	BOD	CYANIDE	CYANIDE		
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AL	AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-
840116	1110	50005	0.30	0101	47.0		0.0012	0.80	0.001<W	0.001<W	0.0005<	2.100
840214	1020	50018	0.30	0101	24.0			1.40				3.300
840312	1025	50031	0.30	0101	42.0			2.70				6.500
840416	1205	50044	0.30	0101	34.0			2.80				5.500
840522	1455	50067	0.30	0103	38.0		0.0010<	2.30	0.001<W	0.001<W	0.0005<	9.400
840618	1145	50090	0.30	0101	36.0			1.60				5.400
840709	1350	50113	0.30	0103	36.0		0.0010	1.50	0.010	0.004<T	0.0005<	6.300
840815	1300	50136	0.30	0101	42.0			1.70				8.800
840917	1305	50159	0.30	0101	42.0		0.0011	1.50			0.0005<	10.000
841022	1250	50182	0.30	0101	46.0			1.80				9.300
841119	1055	50195	0.30	0101	44.0	0.200		1.00			0.0005<	6.100
841210	1020	50202	0.30	0101	44.0			1.00				5.700
		MAXIMUM	0.30		47.0	0.200	0.0012	2.80	0.010	0.004		10.000
		ARITH MEAN	0.30		39.6	0.200	0.0011	1.67	0.004<A	0.002<A		6.533
		GEOM MEAN			39.0			1.56	0.002<A	0.002<A		6.018
		MINIMUM	0.30		24.0	0.200	0.0010	0.80	0.001	0.001		2.100
		STD DEV (GEOM *)			6.4			0.64	0.005<A	0.002<A		2.457
		# SAMP IN STATISTICS	12		12	1	3	12	3	3		12
		% SAMP (EXCLUDED)					25					

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
					CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL	IRON
SAMPLE			COLOUR	COLOUR	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLI MF	COLIFORM MF	UNF.TOT.
DATE	HOUR	SAMPLE	APPARENT	TRUE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	CNT	MG/L
YYMMDD	LMT	NUMBER	HZU	HZU	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	/100ML	AS FE
840116	1110	50005	9.000		110.0	0.0020<	0.0030	0.0040	12.4		10<	0.0610
840214	1020	50018	22.000		86.0			0.0040	12.5		10<	0.3200
840312	1025	50031	70.000		138.0			0.0030	10.8		30AID	0.3700
840416	1205	50044		127.000	112.0			0.0110	13.2		200AID	3.2000
840522	1455	50067	87.000		142.0	0.0020	0.0060	0.0030	4.4		2000	0.6700
840618	1145	50090			117.0			0.0040	7.2		1000AID	0.8200
840709	1350	50113	78.000		125.0	0.0020<	0.0090	0.0010	5.5		200AID	0.5200
840815	1300	50136		96.000	147.0			0.0020	4.0			0.4700
840917	1305	50159	60.000		148.0	0.0020<	0.0130	0.0020	4.2		60AID	0.5900
841022	1250	50182		49.000	162.0				6.3	100C		
841119	1055	50195	24.000		127.0	0.0020<	0.0020	0.0020	12.5	30AID		0.4400
841210	1020	50202	31.000		128.0				11.0	540		

(C O N T D)

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: NEAR MOUTH CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

LAT: 48 22 38.68 LONG: 089 13 34.32 U T M: 16 0335150.0 5360425.0 4 REGION: 06 DISTANCE: 0.161

#=INTERIM TEST-NAME:		COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
	MAXIMUM	87.000	127.000	162.0	0.0020	0.0130	0.0110	13.2	540	2000	3.2000
	ARITH MEAN	47.625	90.667	128.5	0.0020	0.0066	0.0036	8.7	223	582	0.7461
	GEOM MEAN	37.834	84.222	126.9		0.0053	0.0030	7.9	117		0.4905
	MINIMUM	9.000	49.000	86.0	0.0020	0.0020	0.0010	4.0	30	30	0.0610
	STD DEV (GEOM *)	29.544	39.273	20.6		0.0045	0.0028	3.7	4*		0.8864
	# SAMP IN STATISTICS	8	3	12	1	5	10	12	3	6	10
	% SAMP (EXCLUDED)				80					25	

#=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840116	1110 50005	7.3	4	0.5	49.000	0.004	0.002				
840214	1020 50018	6.8	4	0.5	30.000	0.019					
840312	1025 50031	7.2	4	0.5	51.000	0.026					
840416	1205 50044	6.9		2.0	43.000	0.076					
840522	1455 50067	6.8		13.5	48.000	0.054	0.002<				
840618	1145 50090	6.8		15.0	47.000	0.038					
840709	1350 50113		9	18.0	48.000	0.036	0.004	0.080	0.005	0.100	0.560
840815	1300 50136	6.9		21.0	53.000	0.037		0.110	0.006	0.050	0.650
840917	1305 50159	7.1		14.0	48.000	0.040	0.002<	0.280	0.006	0.140	0.740
841022	1250 50182	7.1		9.0	53.000			0.140	0.006	0.180	0.650
841119	1055 50195	7.3	9	1.0	50.000	0.028	0.002<	0.150	0.004	0.270	0.610
841210	1020 50202	7.3		1.0	52.000			0.090	0.003	0.290	0.410
	MAXIMUM	7.3		21.0	53.000	0.076	0.004	0.280	0.006	0.290	0.740
	ARITH MEAN	7.0		8.0	47.667	0.036	0.003	0.142	0.005	0.172	0.603
	GEOM MEAN	7.0		3.4	47.204	0.029		0.129	0.005	0.146	0.594
	MINIMUM	6.8		0.5	30.000	0.004	0.002	0.080	0.003	0.050	0.410
	STD DEV (GEOM *)	0.2		7.9	6.243	0.019		0.073	0.001	0.095	0.112
	# SAMP IN STATISTICS	11		12	12	10	2	6	6	6	6
	% SAMP (EXCLUDED)						60				

(C O N T D)

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: NEAR MOUTH CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

LAT: 48 22 38.68 LONG: 089 13 34.32 U T M: 16 0335150.0 5360425.0 4 REGION: 06 DISTANCE: 0.161

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840116	1110	50005	0.003	7.40	0.002	0.008	1.00	80.00	490	60AID	0.55	0.0110
840214	1020	50018		7.10	0.002	0.030	9.00	65.00	1000	200AID	4.40	0.0130
840312	1025	50031		7.30	0.003	0.042	3.00	120.00	7000	100AID	1.70	0.0060
840416	1205	50044		7.40	0.018	0.110	30.00	140.00	85000	4000AID	32.00	0.0110
840522	1455	50067	0.004	7.00	0.011	0.075	8.00	110.00	81000	4000AID	5.10	0.0040
840618	1145	50090		7.20	0.003	0.059	10.00	120.00	100000	30000AID	5.70	0.0040
840709	1350	50113	0.003<	7.20	0.004	0.049	7.00	110.00	180000	200000	4.20	0.0040
840815	1300	50136		6.80	0.014	0.056	4.00	130.00			3.40	0.0040
840917	1305	50159	0.003<	7.10	0.021	0.079	7.00	110.00	14000	3000AID	4.20	0.0037
841022	1250	50182		7.30	0.013	0.093	20.00	120.00	51000		21.00	
841119	1055	50195	0.003<	7.40	0.002	0.030	20.00	110.00	1500		3.30	0.0030
841210	1020	50202		7.20	0.002	0.030	3.00	110.00	14100		2.70	
		MAXIMUM	0.004	7.40	0.021	0.110	30.00	140.00	180000	200000	32.00	0.0130
		ARITH MEAN	0.003	7.20	0.008	0.055	10.17	110.42	48645	30170	7.35	0.0064
		GEOM MEAN		7.20	0.005	0.046	7.06	108.40	14599	2076	4.33	0.0055
		MINIMUM	0.003	6.80	0.002	0.008	1.00	65.00	490	60	0.55	0.0030
		STD DEV (GEOM *)		0.18	0.007	0.030	8.73	20.28	8*	17*	9.35	0.0038
		# SAMP IN STATISTICS	2	12	12	12	12	12	11	8	12	10
		% SAMP (EXCLUDED)	60									

B.O.W./ SITE: MISSION RIVER
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER

STATION ID: 01-0110-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MISSION RIVER

STORET CODE: 02
001
7940

LAT: 48 21 32.96 LONG: 089 13 41.17 U T M: 16 0334950.0 5358400.0 4 REGION: 06 DISTANCE: 0.322

H=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	BODS	CCNAUR	CCNFUR	CDUT	CLIDUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840116	1120	50006	0.30	0101	35.0		0.0010	7.00	0.001<T	0.001<W	0.0005	10.000
840214	1030	50019	0.30	0101	37.0			6.50				11.000
840312	1040	50032	0.30	0101	32.0			6.10				8.600
840416	1215	50045	0.30	0101	32.0			3.20				6.700
840522	1250	50068	0.30	0103	36.0		0.0010<	3.90	0.001<W	0.001<W	0.0005<	9.900
840618	1315	50091	0.30	0101	32.0			3.20				5.200
840709	1205	50114	0.30	0103	36.0		0.001	2.10	0.001<W	0.001<W	0.0005<	7.000
840815	1155	50137	0.30	0101	38.0			5.50				15.000
840917	1155	50160	0.30	0101	39.0		0.0010<	3.50			0.0005<	11.000
841022	1150	50183	0.30	0101	56.0			3.70				15.000
841119	1110	50196	0.30	0101	41.0	0.320		2.30			0.0005<	9.800
841210	1030	50203	0.30	0101	42.0			8.60				12.000
		MAXIMUM	0.30		56.0	0.320	0.001	8.60	0.001	0.001	0.0005	15.000
		ARITH MEAN	0.30		38.0	0.320	0.001	4.63	0.001<A	0.001<A	0.0005	10.100
		GEOM MEAN			37.6			4.23	0.001<A	0.001<A		9.665
		MINIMUM	0.30		32.0	0.320	0.0010	2.10	0.001	0.001	0.0005	5.200
		STD DEV (GEOM *)			6.6			2.05	0.000<A	0.000<A		3.027
		# SAMP IN STATISTICS	12		12	1	2	12	3	3	1	12
		% SAMP (EXCLUDED)					50				80	

H=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840116	1120	50006		91.000	145.0	0.0020<	0.0260	0.0040	12.0		400C	0.3100
840214	1030	50019		123.000	168.0			0.0040	12.0		100<	0.3100
840312	1040	50032		99.000	143.0			0.0040	12.4		300AID	0.3100
840416	1215	50045		154.000	115.0			0.0100	5.5		200C	4.5000
840522	1250	50068			141.0	0.0030	0.0090	0.0030	5.0		3800C	0.9900
840618	1315	50091			112.0			0.0040	8.8		26000	0.8400
840709	1205	50114		87.000	130.0	0.0020<	0.0160	0.0050<	5.8		100<	0.910
840815	1155	50137		145.000	182.0			0.0030	2.9			0.7100
840917	1155	50160		91.000	156.0	0.0020<	0.0230	0.0049	5.5		100C	0.7600
841022	1150	50183		114.000	217.0				7.1	400C		
841119	1110	50196	74.000		158.0	0.0020<	0.0130	0.0030	13.0	6500		0.540
841210	1030	50203		112.000	183.0				11.3	900C		

(C O N T D)

B.O.W./ SITE: MISSION RIVER
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER

STATION ID: 01-0110-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MISSION RIVER

STORET CODE: 02
001
7940

LAT: 48 21 . . 4 LONG: 089 13 41.17 U T M: 16 0334950.0 5358400.0 4 REGION: 06 DISTANCE: 0.322

*=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
		MAXIMUM	74.000	154.000	217.0	0.0030	0.0260	0.0100	13.0	6500	26000	4.5000
		ARITH MEAN	74.000	112.889	154.2	0.0030	0.0174	0.0044	8.4	2600	5133	1.018
		GEOM MEAN		110.723	151.5		0.0162		7.7	1328		0.703
		MINIMUM	74.000	87.000	112.0	0.0030	0.0090	0.0030	2.9	400	100	0.3100
		STD DEV (GEOM *)		24.101	30.2		0.0070		3.6	4*		1.250
		# SAMP IN STATISTICS	1	9	12	1	5	9	12	3	6	10
		% SAMP (EXCLUDED)				80		10			25	

*=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840116	1120	50006	7.2	4	1.0	41.000	0.029	0.002<				
840214	1030	50019	7.0	4	1.0	43.000	0.034					
840312	1040	50032	7.2	4	1.0	42.000	0.030					
840416	1215	50045	7.1		14.5	44.000	0.100					
840522	1250	50068	6.9	9	15.0	46.000	0.069	0.003				
840618	1315	50091	7.1		17.0	48.000	0.034					
840709	1205	50114	6.9	9	18.0	47.000	0.050	0.002	0.060	0.006	0.090	0.540
840815	1155	50137	6.9		22.0	49.000	0.051		0.010<	0.006	0.010<	0.630
840917	1155	50160	7.1	6 8	14.5	44.000	0.055	0.002<	0.030	0.005	0.060	0.590
841022	1150	50183	7.2		8.5	69.000			0.020	0.008	0.010	0.790
841119	1110	50196	7.3		1.5	52.000	0.040	0.002<	0.100	0.006	0.230	0.650
841210	1030	50203			1.0	50.000			0.010<	0.014	0.080	0.620
		MAXIMUM	7.3		22.0	69.000	0.100	0.003	0.100	0.014	0.230	0.790
		ARITH MEAN	7.1		9.6	47.917	0.049	0.002	0.052	0.007	0.094	0.637
		GEOM MEAN	7.1		5.0	47.465	0.046			0.007		0.632
		MINIMUM	6.9		1.0	41.000	0.029	0.002	0.020	0.005	0.010	0.540
		STD DEV (GEOM *)	0.1		8.1	7.440	0.022			0.003		0.084
		# SAMP IN STATISTICS	11		12	12	10	2	4	6	5	6
		% SAMP (EXCLUDED)						60	33		16	

(CONTD)

B.O.W./ SITE: MISSION RIVER
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER

STATION ID: 01-0110-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MISSION RIVER

STORET CODE: 02
001
7940

LAT: 48 21 32.96 LONG: 089 13 41.17 U T M: 16 0334950.0 5358400.0 4 REGION: 06 DISTANCE: 0.322

#=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	TCMF	TCMFBK	TURB
			LEAD		PO4	PHOSPHOR			SILICATE	COLIFORM TOTAL	COLIFORM TOTAL MF	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SI	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
840116	1120	50006	0.004	7.10	0.005	0.033	2.00	130.00		72000	16000	3.40
840214	1030	50019		7.30	0.003	0.036	2.00	140.00		260000	30000AID	3.40
840312	1040	50032		7.30	0.009	0.028	3.00	130.00		135000	8000AID	2.60
840416	1215	50045		7.40	0.019	0.110	50.00	160.00		330000	20000AID	42.00
840522	1250	50068	0.003	7.00	0.002	0.062	15.00	120.00		200000	30000AID	7.60
840618	1315	50091		7.30	0.003	0.037	10.00	120.00		290000	50000AID	5.60
840709	1205	50114	0.003<	7.20	0.004	0.058	15.00	140.00	2.900	510000	200000	5.50
840815	1155	50137		6.80	0.005	0.054	10.00	180.00	3.200			6.80
840917	1155	50160	0.003	7.10	0.003	0.066	9.00	140.00	3.000	610000	10000AID	3.90
841022	1150	50183		7.30	0.004	0.090	25.00	210.00	3.300	730000		20.00
841119	1110	50196	0.003<	7.00	0.007	0.053	8.00	100.00		108000		4.90
841210	1030	50203		7.00	0.007	0.052	7.00	130.00		1140000		4.80
		MAXIMUM	0.004	7.40	0.019	0.110	50.00	210.00	3.300	1140000	200000	42.00
		ARITH MEAN	0.003	7.15	0.006	0.057	13.00	141.67	3.100	398636	45500	9.21
		GEOM MEAN		7.15	0.005	0.052	8.63	139.11	3.096	292730	26321	6.27
		MINIMUM	0.003	6.80	0.002	0.028	2.00	100.00	2.900	72000	8000	2.60
		STD DEV (GEOM #)		0.18	0.005	0.024	13.34	29.49	0.183	2#	3#	11.30
		# SAMP IN STATISTICS	3	12	12	12	12	12	4	11	8	12
		% SAMP (EXCLUDED)	40									

#=INTERIM TEST-NAME:			ZNUT
			ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS ZN
840116	1120	50006	0.0100
840214	1030	50019	0.0070
840312	1040	50032	0.0050
840416	1215	50045	0.0150
840522	1250	50068	0.0060
840618	1315	50091	0.0040
840709	1205	50114	0.0090
840815	1155	50137	0.0040
840917	1155	50160	0.0086
841119	1110	50196	0.0060

(CONTD)

B.O.W./ SITE: MISSION RIVER
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER

STATION ID: 01-0110-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MISSION RIVER

STORET CODE: 02
001
7940

LAT: 48 21 32.96 LONG: 089 13 41.17 U T M: 16 0534950.0 5358400.0 4 REGION: 06 DISTANCE: 0.322

#=INTERIM TEST-NAME: ZNUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	ZINC UNF.TOT. MG/L AS ZN

MAXIMUM	0.0150
ARITH MEAN	0.0075
GEOM MEAN	0.0069
MINIMUM	0.0040
STD DEV (GEOM #)	0.0034
# SAMP IN STATISTICS	10
% SAMP (EXCLUDED)	

B.O.W./ SITE: WINNIPEG RIVER
SAMPLE POINT: AT FIRST CPR BR.WEST OF MAIN ST.KENORA
STATION TYPE: RIVER

STATION ID: 19-0001-001-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER

STORET CODE: 05 001

LAT: 49 46 13.83 LONG: 094 29 58.10 U T M: 15 0392025.0 5513975.0 4 REGION: 06 DISTANCE: 94.949

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C
840103	1115	51200	0.30	0101	51.0	0.0020	0.30	0.0005<	2.600	34.000		124.0
840206	1015	51202	0.30	0101	54.0		0.30		2.700	42.000		125.0
840312	1045	51204	0.30	0101	50.0		0.50		2.700	41.000		127.0
840409	1045	51206	0.30	0101	51.0	0.0010<	0.20	0.0005<	2.900	44.000		127.0
840507	1130	51208	0.30	0101	48.0		0.80		2.600	46.000		121.0
840604	1545	51210	0.30	0101	48.0		0.90		2.500	37.000		118.0
840703	1000	51212	0.30	0101	47.0	0.0010<	1.00	0.0005<	2.500	36.000		116.0
840807	1415	51214	0.30	0101	46.0		0.70		2.500	31.000		119.0
840904	1030	51216	0.30	0101	49.0		1.30		2.500	35.000		119.0
841002	1000	51218	0.30	0101	48.0	0.0010<	0.80	0.0005<	2.500		36.000	117.0
841106	0915	51220	0.30	0101	45.0		0.70		2.500	33.000		115.0
841203	1330	51222	0.30	0101	47.0		0.30		2.500	29.000		118.0
		MAXIMUM	0.30		54.0	0.0020	1.30		2.900	46.000	36.000	127.0
		ARITH MEAN	0.30		48.7	0.0020	0.65		2.583	37.091	36.000	120.5
		GEOM MEAN			48.6		0.56		2.581	36.725		120.4
		MINIMUM	0.30		45.0	0.0020	0.20		2.500	29.000	36.000	115.0
		STD DEV (GEOM *)			2.5		0.34		0.127	5.486		4.2
		# SAMP IN STATISTICS	12		12	1	12		12	11	1	12
		% SAMP (EXCLUDED)				75						

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840103	1115	51200	0.0020<	0.0030	0.0020	12.0		4<	0.1100	7.0	6 8	1.0
840206	1015	51202			0.0020	11.5		4<	0.0960	7.0	6 8	1.0
840312	1045	51204			0.0030	9.5		4<	0.1300	6.9	6 8	1.0
840409	1045	51206	0.0020<	0.0020<	0.0020	11.0		4	0.1500	6.9	6 8	2.0
840507	1130	51208			0.0020	10.5		4	0.1200	7.0	6 8	5.0
840604	1545	51210			0.0020	10.0		4<	0.0240	7.1	6 8	13.0
840703	1000	51212	0.0030	0.0020	0.0010<	8.0			0.0620	7.1	8	19.0
840807	1415	51214			0.0690	7.4		12	0.0350	7.1	5 8	26.0
840904	1030	51216			0.0019	8.0		4<	0.0630	7.1	5 8	19.0
841002	1000	51218	0.0020<	0.0020	0.0015	8.0	4		0.0870	7.1	5	11.0
841106	0915	51220			0.0045	11.3	4		0.1200	6.9	8	2.0
841203	1330	51222			0.0030	11.0	4<		0.0910	7.1	8	0.5

(C O N T D)

B.O.W./ SITE: WINNIPEG RIVER STATION ID: 19-0001-001-02
SAMPLE POINT: AT FIRST CPR BR.WEST OF MAIN ST.KENORA
STATION TYPE: RIVER MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001

LAT: 49 46 13.83 LONG: 094 29 58.10 U T M: 15 0392025.0 5513975.0 4 REGION: 06 DISTANCE: 94.949

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
		MAXIMUM	0.0030	0.0030	0.0690	12.0	4	12	0.1500	7.1		26.0
		ARITH MEAN	0.0030	0.0023	0.0084	9.8	4	7	0.0907	7.0		8.4
		GEOM MEAN				9.7			0.0808	7.0		3.9
		MINIMUM	0.0030	0.0020	0.0015	7.4	4	4	0.0240	6.9		0.5
	STD DEV (GEOM #)					1.6			0.0385	0.1		9.0
	# SAMP IN STATISTICS		1	3	11	12	2	3	12	12		12
	% SAMP (EXCLUDED)		75	25	8		33	62				

#=INTERIM TEST-NAME:			HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HARDNESS TOTAL MG/L AS CACO3	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P
840103	1115	51200	55.000	0.007	0.002	0.010<	0.003	0.150	0.480	0.003<	7.60	0.012
840206	1015	51202	55.000	0.007		0.010<	0.002	0.160	0.500		7.50	0.009
840312	1045	51204	59.000	0.014		0.010<	0.003	0.180	0.520		7.50	0.010
840409	1045	51206	58.000	0.017	0.003	0.010<	0.001	0.170	0.540	0.003<	7.30	0.008
840507	1130	51208	53.000	0.016		0.010	0.002	0.090	0.560		7.90	0.002
840604	1545	51210	58.000	0.002		0.010	0.003	0.010<	0.510		8.00	0.012
840703	1000	51212	58.000	0.008	0.002	0.030	0.003	0.010<	0.500	0.003<	7.70	0.004
840807	1415	51214	56.000	0.005		0.010	0.002	0.010<	0.520		8.10	0.001
840904	1030	51216	58.000	0.015		0.030	0.003	0.010<	0.670		7.80	0.001
841002	1000	51218	53.000	0.018	0.002<	0.070	0.004	0.020	0.630	0.003<	7.80	0.005
841106	0915	51220	54.000	0.016		0.030	0.005	0.140	0.520		7.60	0.014
841203	1330	51222	53.000	0.012		0.020	0.002	0.190	0.450		7.60	0.014
		MAXIMUM	59.000	0.018	0.003	0.070	0.005	0.190	0.670		8.10	0.014
		ARITH MEAN	55.833	0.011	0.002	0.026	0.003	0.137	0.533		7.70	0.008
		GEOM MEAN	55.790	0.010			0.003		0.530		7.70	0.006
		MINIMUM	53.000	0.002	0.002	0.010	0.001	0.020	0.450		7.30	0.001
	STD DEV (GEOM #)		2.290	0.005			0.001		0.062		0.23	0.005
	# SAMP IN STATISTICS		12	12	3	8	12	8	12		12	12
	% SAMP (EXCLUDED)				25	33		33				

(C O N T D)

B.O.W./ SITE: WINNIPEG RIVER
SAMPLE POINT: AT FIRST CPR BR.WEST OF MAIN ST.KENORA
STATION TYPE: RIVER

STATION ID: 19-0001-001-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
STORET CODE: 05 001

LAT: 49 46 13.83 LONG: 094 29 58.10 U T M: 15 0392025.0 5513975.0 4 REGION: 06 DISTANCE: 94.949

#=INTERIM TEST-NAME:			PPUT	RSP	RST	SIO3UR	TCMF	TCMFBK	TURB	ZNUT
			PHOSPHOR			SILICATE	COLIFORM TOTAL	COLIFORM TOTAL MF		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	UNF.REAC MG/L AS SI	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840103	1115	51200	0.026	1.00	110.00		40AID	190	1.60	0.0030
840206	1015	51202	0.020	1.00	120.00		10<	10AID	1.90	0.0010
840312	1045	51204	0.021	1.00	90.00		50AID	10AID	1.60	0.0010<
840409	1045	51206	0.023	1.00	110.00		20AID	40AID	1.90	0.0020
840507	1130	51208	0.023	9.00	110.00		230	200	1.80	0.0010<
840604	1545	51210	0.041	2.00	100.00		10<	410	1.20	0.0010
840703	1000	51212	0.018	1.00	100.00				1.10	0.0010
840807	1415	51214	0.017	1.00	90.00	0.700	50AID	3500	0.70	0.0010<
840904	1030	51216	0.030	3.00	95.00	1.100	440	2250	1.60	0.0010
841002	1000	51218	0.030	4.00	90.00	1.100	90AID		1.30	0.0010
841106	0915	51220	0.029	3.00	90.00	1.100	2600		2.70	0.0028
841203	1330	51222	0.027	2.00	120.00	1.900	630		1.30	0.0010<
		MAXIMUM	0.041	9.00	120.00	1.900	2600	3500	2.70	0.0030
		ARITH MEAN	0.025	2.42	102.08	1.180	461	826	1.56	0.0016
		GEOM MEAN	0.025	1.82	101.49	1.121		163	1.48	
		MINIMUM	0.017	1.00	90.00	0.700	20	10	0.70	0.0010
		STD DEV (GEOM #)	0.007	2.31	11.57	0.438		9#	0.51	
		# SAMP IN STATISTICS	12	12	12	5	9	8	12	8
		% SAMP (EXCLUDED)					18			33

B.O.N./ SITE: WINNIPEG RIVER
SAMPLE POINT: NORTH-WEST OF OLD FORT ISLAND
STATION TYPE: RIVER

STATION ID: 19-0001-002-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
STORET CODE: 05 001

LAT: 49 47 06.67 LONG: 094 30 43.49 U T M: 15 0391150.0 5515625.0 4 REGION: 06 DISTANCE: 92.213

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COLAP	COLTR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C
840103	1415	51201	0.30	0101	51.0	0.0019	2.20	0.0005<	2.600	37.000		126.0
840206	1115	51203	0.30	0101	52.0		17.00		3.500	45.000		156.0
840312	1130	51205	0.30	0101	51.0		4.90		3.300	47.000		143.0
840409	0945	51207	0.30	0101	51.0	0.0010<	1.20	0.0005<	2.900	48.000		130.0
840507	1330	51209	0.30	0101	49.0		4.00		2.800	49.000		125.0
840604	1330	51211	0.30	0101	47.0		4.10		2.600	43.000		121.0
840703	1030	51213	0.30	0101	46.0	0.0010<	1.70	0.0005<	2.600	39.000		119.0
840807	1445	51215	0.30	0101	46.0		2.70		2.700	39.000		126.0
840904	1100	51217	0.30	0101	48.0		1.80		2.600	37.000		120.0
841002	1100	51219	0.30	0101	47.0	0.0010<	2.00	0.0005<	2.600		38.000	117.0
841106	1000	51221	0.30	0101	45.0		15.00		3.100	38.000		136.0
841203	1400	51223	0.30	0101	47.0		3.00		2.700	34.000		125.0
	MAXIMUM		0.30		52.0	0.0019	17.00		3.500	49.000	38.000	156.0
	ARITH MEAN		0.30		48.3	0.0019	4.97		2.833	41.455	38.000	128.7
	GEOM MEAN				48.3		3.43		2.819	41.167		128.2
	MINIMUM		0.30		45.0	0.0019	1.20		2.600	34.000	38.000	117.0
	STD DEV (GEOM #)				2.4		5.29		0.308	5.145		11.3
# SAMP IN STATISTICS			12		12	1	12		12	11	1	12
% SAMP (EXCLUDED)						75						

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840103	1415	51201	0.0020	0.0030	0.0020	11.0		800AID	0.1200	6.95	5 8	1.0
840206	1115	51203			0.0020	10.0		50AID	0.1100	6.8	5 8	1.0
840312	1130	51205			0.0020	9.0		470	0.1300	6.8	5 8	1.0
840409	0945	51207	0.0020<	0.0020	0.0020	9.5		300AID	0.1700	6.9	5 9	2.5
840507	1330	51209			0.0020	8.5		600C	0.1500	6.9	5 9	5.0
840604	1330	51211			0.0030	10.0		10<	0.0300	7.0	5 9	13.0
840703	1030	51213	0.0020<	0.0020<	0.0010<	8.0		10	0.0740	7.0	5 9	19.0
840807	1445	51215			0.0020	6.6		100C	0.0500	7.0	5 9	25.0
840904	1100	51217			0.0021	8.0		100C	0.0720	7.0	5 9	19.0
841002	1100	51219	0.0020<	0.0020	0.0029	9.0	10C		0.0990	7.0	5 9	11.0
841106	1000	51221			0.0042	10.6	70C		0.1400	6.9	5 9	2.0
841203	1400	51223			0.0020	10.5	150		0.0900	7.0	5 9	0.5

(C O N T D)

B.O.M./ SITE: WINNIPEG RIVER STATION ID: 19-0001-002-02
SAMPLE POINT: NORTH-WEST OF OLD FORT ISLAND
STATION TYPE: RIVER MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001

LAT: 49 47 06.67 LONG: 094 30 43.49 U T M: 15 0391150.0 5515625.0 4 REGION: 06 DISTANCE: 92.213

*=INTERIM TEST-NAME:		COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT	FWPH	FWSTRC	FWTEMP
		COBALT	CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL COLIFORM	IRON			
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLI MF	MF	UNF.TOT.			WATER
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	CNT	CNT	MG/L	PH	STREAM	TEMP
YYMMDD LMT	NUMBER	AS CO	AS CR	AS CU	AS O	/100ML	/100ML	AS FE	FIELD	COND.	DEG.C
MAXIMUM		0.0020	0.0030	0.0042	11.0	150	800	0.1700	7.0		25.0
ARITH MEAN		0.0020	0.0023	0.0024	9.2	77	304	0.1029	6.9		8.3
GEOM MEAN					9.1	47		0.0933	6.9		4.0
MINIMUM		0.0020	0.0020	0.0020	6.6	10	10	0.0300	6.8		0.5
STD DEV (GEOM *)					1.3	4*		0.0418	0.1		8.7
# SAMP IN STATISTICS		1	3	11	12	3	8	12	12		12
% SAMP (EXCLUDED)		75	25	8			11				

*=INTERIM TEST-NAME:		HARDT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPO4FR
		HARDNESS	MANGANSE	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PO4
SAMPLE		TOTAL	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		FIL.REAC
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD LMT	NUMBER	AS CACO3	AS MN	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	AS P
840103 1415	51201	57.000	0.009	0.002 <	0.010<	0.005	0.080	0.630	0.003 <	7.40	0.004
840206 1115	51203	59.000	0.019		0.010<	0.006	0.020	0.670		7.20	0.014
840312 1130	51205	60.000	0.020		0.010<	0.004	0.180	0.640		7.30	0.008
840409 0945	51207	56.000	0.019	0.002 <	0.020	0.004	0.100	0.580	0.003 <	7.40	0.003
840507 1330	51209	54.000	0.019		0.010<	0.004	0.070	0.640		7.70	0.002
840604 1330	51211	55.000	0.004		0.010<	0.004	0.010	0.520		7.70	0.001
840703 1030	51213	61.000	0.010	0.002 <	0.010<	0.002	0.010<	0.560	0.003 <	7.60	0.001
840807 1445	51215	57.000	0.010		0.010<	0.002	0.010<	0.570		7.50	0.006
840904 1100	51217	54.000	0.016		0.010	0.003	0.010<	0.660		7.70	0.001<
841002 1100	51219	53.000	0.019	0.0020<	0.020	0.002	0.010<	0.650	0.0030<	7.50	0.002
841106 1000	51221	54.000	0.030		0.010<	0.001	0.020	0.680		7.00	0.001
841203 1400	51223	53.000	0.016		0.030	0.003	0.040	0.580		7.40	0.001
MAXIMUM		61.000	0.030		0.030	0.006	0.180	0.680		7.70	0.014
ARITH MEAN		56.083	0.016		0.020	0.003	0.065	0.615		7.45	0.004
GEOM MEAN		56.023	0.014			0.003		0.613		7.45	
MINIMUM		53.000	0.004		0.010	0.001	0.010	0.520		7.00	0.001
STD DEV (GEOM *)		2.746	0.007			0.001		0.051		0.22	
# SAMP IN STATISTICS		12	12		4	12	8	12		12	11
% SAMP (EXCLUDED)					66		33				8

(C O N T D)

B.O.N./ SITE: WINNIPEG RIVER
SAMPLE POINT: NORTH-WEST OF OLD FORT ISLAND
STATION TYPE: RIVER

STATION ID: 19-0001-002-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
STORET CODE: 05 001

LAT: 49 47 06.67 LONG: 094 30 43.49 U T M: 15 0391150.0 5515625.0 4 REGION: 06 DISTANCE: 92.213

#=INTERIM TEST-NAME:		PPUT	RSP	RST	SIO3UR	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840103	1415	51201	0.027	3.00	120.00		160000	390000	2.60	0.0040
840206	1115	51203	0.025	1.00	180.00		1000<	1000AID	0.30	0.0020
840312	1130	51205	0.023	3.00	120.00		73000	120000	2.50	0.0010<
840409	0945	51207	0.027	3.00	120.00		42000C	1000000	2.60	0.0030
840507	1330	51209	0.029	5.00	130.00		10000AID	300000	2.70	0.0010<
840604	1330	51211	0.025	4.00	120.00		2000AID	71000	1.90	0.0010
840703	1030	51213	0.024	3.00	110.00		12000	290000	1.80	0.0020
840807	1445	51215	0.025	3.00	110.00	0.700	40000C	3000000	1.80	0.0010
840904	1100	51217	0.030	6.00	110.00	1.100	9000AID	37000	2.30	0.0020
841002	1100	51219	0.029	5.00	80.00	1.100	1300		2.20	0.0012
841106	1000	51221	0.036	8.00	140.00	1.100	24000C		4.80	0.0030
841203	1400	51223	0.031	3.00	85.00	1.700	30000		2.30	0.0060
		MAXIMUM	0.036	8.00	180.00	1.700	160000	3000000	4.80	0.0060
		ARITH MEAN	0.028	3.92	118.75	1.140	36664	578778	2.32	0.0025
		GEOM MEAN	0.027	3.51	116.34	1.096		147018	2.02	
		MINIMUM	0.023	1.00	80.00	0.700	1300	1000	0.30	0.0010
	STD DEV (GEOM *)		0.004	1.83	25.60	0.358		10*	1.01	
# SAMP IN STATISTICS			12	12	12	5	11	9	12	10
% SAMP (EXCLUDED)							8			16

B.O.N./ SITE: RAINY RIVER STATION ID: 19-0001-003-02
SAMPLE POINT: DOWNSTREAM OF EMO
STATION TYPE: RIVER MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER 001

LAT: 48 37 31.47 LONG: 093 54 51.43 U T M: 15 0432625.0 5386000.0 4 REGION: 06 DISTANCE: 302.813

#=INTERIM TEST-NAME:			FWSADP	FQPROJ	ACDT	ALKT	BOD5	CDUT	CLIDUR	COLAP	COLTR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C
840207	1500	51303	0.30	0101	3.000	20.0	1.50		3.600	60.000		70.0
840508	1355	51309	0.30	0101	2.000	29.0	0.90		3.500		94.000	89.0
840613	1330	51315	0.30	0101		37.0	0.80		1.800		151.000	85.0
840718	1225	51321	0.30	0101	3.000	22.0	0.70		2.400	72.000		71.0
840815	1605	51327	0.30	0101	2.000	23.0	0.90		2.800	63.000		76.0
840912	1840	51333	0.30	0101	3.000	27.0	0.80		5.800	67.000		93.0
841017	1220	51339	0.30	0101	3.000	35.0	1.40		9.000		67.000	124.0
841106	0945	51345	0.30	0101	3.000	29.0	1.50	0.0005<	6.400		118.000	102.0
		MAXIMUM	0.30		3.000	37.0	1.50		9.000	72.000	151.000	124.0
		ARITH MEAN	0.30		2.714	27.7	1.06		4.412	65.500	107.500	88.7
		GEOM MEAN			2.672	27.2	1.02		3.876	65.347	102.924	87.3
		MINIMUM	0.30		2.000	20.0	0.70		1.800	60.000	67.000	70.0
		STD DEV (GEOM #)			0.488	6.1	0.34		2.446	5.196	35.707	18.0
		# SAMP IN STATISTICS	8		7	8	8		8	4	4	8
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840207	1500	51303				12.1		1900			4	1.0
840508	1355	51309				12.4		300AID		7.2		6.0
840613	1330	51315				12.0		210		7.2	6 3	16.0
840718	1225	51321				7.9		60AID		7.3		21.5
840815	1605	51327				7.8				7.7	6	25.0
840912	1840	51333				9.1		40AID		7.2	6	16.5
841017	1220	51339				11.0				7.6	6	8.5
841106	0945	51345	0.0020<	0.0020<	0.0021	11.7	400AID		0.4200	7.1	6	0.5
		MAXIMUM			0.0021	12.4	400	1900	0.4200	7.7		25.0
		ARITH MEAN			0.0021	10.5	400	502	0.4200	7.3		11.9
		GEOM MEAN				10.3		196		7.3		6.6
		MINIMUM			0.0021	7.8	400	40	0.4200	7.1		0.5
		STD DEV (GEOM #)				1.9		5#		0.2		9.2
		# SAMP IN STATISTICS			1	8	1	5	1	7		8
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM OF EMO
STATION TYPE: RIVER

STATION ID: 19-0001-003-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

LAT: 48 37 31.47 LONG: 093 54 51.43 U T M: 15 0432625.0 5386000.0 4 REGION: 06 DISTANCE: 302.813

#=INTERIM TEST-NAME:			HARDT	HGUT	MNUT	NIUT	NNHTFR	PBUT	PH	PPO4FR	PPUT	RSP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L
840207	1500	51303	24.000						7.10	0.002	0.028	2.00
840508	1355	51309	37.000						7.60	0.004	0.050	15.00
840613	1330	51315	45.000						7.40	0.022	0.056	20.00
840718	1225	51321	19.000				0.030		7.20	0.013	0.041	6.00
840815	1605	51327	31.000				0.030		7.30	0.007	0.038	4.00
840912	1840	51333	31.000				0.020		7.40	0.013	0.037	3.00
841017	1220	51339	42.000				0.010<		7.10	0.023	0.073	15.00
841106	0945	51345	39.000	0.050<	0.019	0.002<	0.010<	0.003<	7.20	0.005	0.038	6.00
		MAXIMUM	45.000		0.019		0.030		7.60	0.023	0.073	20.00
		ARITH MEAN	33.500		0.019		0.027		7.29	0.011	0.045	8.87
		GEOM MEAN	32.335						7.29	0.008	0.043	6.66
		MINIMUM	19.000		0.019		0.020		7.10	0.002	0.028	2.00
		STD DEV (GEOM *)	8.944						0.17	0.008	0.014	6.77
		# SAMP IN STATISTICS	8		1		3		8	8	8	8
		% SAMP (EXCLUDED)					40					

#=INTERIM TEST-NAME:			RST	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840207	1500	51303	85.00	9100	5200	1.10	
840508	1355	51309	110.00	1200	8200	4.00	
840613	1330	51315	110.00	2400	19000	15.00	
840718	1225	51321	65.00	500	3200	3.30	
840815	1605	51327	75.00			2.20	
840912	1840	51333	75.00	2600	20000	2.60	
841017	1220	51339	110.00	17000		8.30	
841106	0945	51345	130.00			6.20	0.0035
		MAXIMUM	130.00	17000	20000	15.00	0.0035
		ARITH MEAN	95.00	5467	11120	5.34	0.0035
		GEOM MEAN	92.54	2887	8769	3.99	
		MINIMUM	65.00	500	3200	1.10	0.0035
		STD DEV (GEOM *)	22.99	4*	2*	4.54	
		# SAMP IN STATISTICS	8	6	5	8	1
		% SAMP (EXCLUDED)					

B.O.W./ SITE: RAINY RIVER STATION ID: 19-0001-004-02
SAMPLE POINT: UPSTREAM FROM FORT FRANCES TOLL BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 05PC019 MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER 001

LAT: 48 36 19.61 LONG: 093 23 12.96 U T M: 15 0471475.0 5383450.0 4 REGION: 06 DISTANCE: 341.506

#=INTERIM TEST-NAME:			FMSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ACIDITY	ALK	ARSENIC	BOD 5 DAY	CYANIDE AVAIL	CYANIDE FREE	CADMIUM	CHLORIDE
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS HCN	UNF.REAC MG/L AS HCN	UNF.TOT. MG/L AS CD	UNF.REAC MG/L AS CL-
840208	0940	51300	0.30	0101	2.000	17.0		1.20				0.900
840508	1215	51306	0.30	0103	3.000	18.0	0.001	1.00	0.001<W	0.001<W	0.0005<	0.900
840613	1200	51312	0.30	0101		20.0	0.001 <	0.50			0.0005<	0.900
840718	1100	51318	0.30	0101	3.000	18.0	0.001 <	0.50	0.001<W	0.001<W	0.005 <	0.700
840815	1720	51324	0.30	0101	3.000	18.0		1.40				0.700
840913	0740	51330	0.30	0101	2.000	19.0	0.0010<	0.70	0.001<W	0.001<W	0.0005<	0.700
841017	1015	51336	0.30	0101	2.000	20.0		0.50				0.700
841106	0800	51342	0.30	0101	2.000	21.0		0.80			0.0005<	0.700
		MAXIMUM	0.30		3.000	21.0	0.001	1.40	0.001	0.001		0.900
		ARITH MEAN	0.30		2.429	18.9	0.001	0.82	0.001<A	0.001<A		0.775
		GEOM MEAN			2.380	18.8		0.77	0.001<A	0.001<A		0.769
		MINIMUM	0.30		2.000	17.0	0.001	0.50	0.001	0.001		0.700
		STD DEV (GEOM *)			0.535	1.4		0.35	0.000<A	0.000<A		0.104
		# SAMP IN STATISTICS	8		7	8	1	8	3	3		8
		% SAMP (EXCLUDED)					75					

#=INTERIM TEST-NAME:			COLAP	COND25	COUT	CRUT	CUUT	DO	ECMF	FCMF	FEUT	FWPH
				CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL COLIFORM	IRON	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	COLI MF CNT /100ML	MF CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD
840208	0940	51300	48.000	55.0				13.1		10<		7.1
840508	1215	51306	48.000	56.0	0.0020<	0.0020<	0.0030	12.6		10AID	0.170	6.9
840613	1200	51312	52.000	55.0	0.0020<	0.0020<	0.0010	9.2		30AID	0.160	7.2
840718	1100	51318	54.000	56.0	0.0020<	0.0020<	0.0010	8.9		10C	0.170	7.1
840815	1720	51324	53.000	55.0				7.2				7.2
840913	0740	51330	48.000	56.0	0.0020<	0.0020<	0.0020	8.8		10AID	0.3600	7.3
841017	1015	51336	48.000	57.0				11.6				7.2
841106	0800	51342	38.000	57.0	0.0025	0.0020<	0.0020	12.7	10AID		0.120	7.2
		MAXIMUM	54.000	57.0	0.0025		0.0030	13.1	10	30	0.3600	7.3
		ARITH MEAN	48.625	55.9	0.0025		0.0018	10.5	10	15	0.196	7.1
		GEOM MEAN	48.381	55.9			0.0016	10.3			0.182	7.1
		MINIMUM	38.000	55.0	0.0025		0.0010	7.2	10	10	0.120	6.9
		STD DEV (GEOM *)	4.984	0.8			0.0008	2.2			0.094	0.1
		# SAMP IN STATISTICS	8	8	1		5	8	1	4	5	8
		% SAMP (EXCLUDED)			80					20		

(C O N T D)

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: UPSTREAM FROM FORT FRANCES TOLL BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 05PC019

STATION ID: 19-0001-004-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

LAT: 48 36 19.61 LONG: 093 23 12.96 U T M: 15 0471475.0 5383450.0 4 REGION: 06 DISTANCE: 341.506

#=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	PBUT	PH	PPO4FR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P
840208	0940	51300	4	1.0	24.000						7.10	0.003
840508	1215	51306		5.0	21.000	0.05 <	0.007	0.002		0.003<	7.70	0.001
840613	1200	51312	6 3	15.0	24.000	0.050<	0.008	0.002<		0.003<	7.20	0.002
840718	1100	51318	6	21.0	12.000	0.050<	0.011	0.002	0.040	0.003<	7.20	0.003
840815	1720	51324	6	25.0	23.000				0.030		7.00	0.001
840913	0740	51330	6	16.0	25.000	0.050<	0.014	0.002<	0.030	0.003<	7.40	0.002
841017	1015	51336	6	11.0	21.000				0.010<		7.00	0.004
841106	0800	51342	4	1.5	23.000	0.050<	0.0064	0.002<	0.010<	0.003<	7.20	0.003
		MAXIMUM		25.0	25.000		0.014	0.002	0.040		7.70	0.004
		ARITH MEAN		11.9	21.625		0.009	0.002	0.033		7.22	0.002
		GEOM MEAN		7.5	21.168		0.009				7.22	0.002
		MINIMUM		1.0	12.000		0.0064	0.002	0.030		7.00	0.001
		STD DEV (GEOM #)		8.9	4.138		0.003				0.23	0.001
		# SAMP IN STATISTICS		8	8		5	2	3		8	8
		% SAMP (EXCLUDED)						60	40			

#=INTERIM TEST-NAME:			PPUT	RSP	RST	TCHF	TCHFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840208	0940	51300	0.016	1.00	60.00	10<	160	0.65	
840508	1215	51306	0.020	4.00	75.00	510	860	1.30	0.003
840613	1200	51312	0.015	2.00	80.00	1000C	100000>	1.20	0.003
840718	1100	51318	0.019	3.00	55.00	1300C	25000	2.00	0.002
840815	1720	51324	0.019	3.00	65.00			1.20	
840913	0740	51330	0.020	2.00	70.00	140	1000	1.80	0.0015
841017	1015	51336	0.017	3.00	45.00	160		2.40	
841106	0800	51342	0.019	3.00	50.00	60AID		2.60	0.001
		MAXIMUM	0.020	4.00	80.00	1300	25000	2.60	0.003
		ARITH MEAN	0.018	2.62	62.50	528	6755	1.64	0.002
		GEOM MEAN	0.018	2.45	61.43			1.51	0.002
		MINIMUM	0.015	1.00	45.00	60	160	0.65	0.001
		STD DEV (GEOM #)	0.002	0.92	12.25			0.67	0.001
		# SAMP IN STATISTICS	8	8	8	6	4	8	5
		% SAMP (EXCLUDED)				14	20		

B.O.M./ SITE: NADIGOON RIVER
SAMPLE POINT: UPSTR FROM GREAT LAKES FOREST PRODUCTS
STATION TYPE: RIVER

STATION ID: 19-0001-005-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 49 46 20.06 LONG: 092 50 47.56 U T M: 15 0511050.0 5513100.0 4 REGION: 06 DISTANCE: 265.017

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CLIDUR	COLAP	COLTR	COND25	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU
840109	1320	51000	0.30	0101	54.0	0.0012	2.10	1.800	43.000		120.0	0.0050
840305	1310	51004	0.30	0101	51.0	0.0010<	0.40	1.300	40.000		116.0	0.0030
840509	1200	51008	0.30	0101	47.0	0.0490	1.40	2.300	48.000		120.0	0.0030
840611	1740	51012	0.30	0101	48.0	0.0010<	0.60	14.000	51.000		127.0	0.0030
840716	1345	51016	0.30	0101	46.0	0.0010<	0.50	1.300		40.000	108.0	0.0030
840813	1500	51020	0.30	0103	46.0	0.0011	0.80	1.400	54.000		109.0	0.0020
840911	1410	51024	0.30	0101	48.0	0.0012	1.10	1.400	55.000		109.0	0.0024
841015	1630	51028	0.30	0101	48.0		0.60	1.400	57.000		108.0	0.0037
841105	1205	51032	0.30	0101	48.0		1.30	2.100	53.000		118.0	0.0035
		MAXIMUM	0.30		54.0	0.0490	2.10	14.000	57.000	40.000	127.0	0.0050
		ARITH MEAN	0.30		48.4	0.0131	0.98	3.000	50.125	40.000	115.0	0.0032
		GEOM MEAN			48.4		0.85	2.022	49.792		114.8	0.0031
		MINIMUM	0.30		46.0	0.0011	0.40	1.300	40.000	40.000	108.0	0.0020
		STD DEV (GEOM *)			2.6		0.55	4.141	6.010		6.8	0.0009
		# SAMP IN STATISTICS	9		9	4	9	9	8	1	9	9
		% SAMP (EXCLUDED)				42						

#=INTERIM TEST-NAME:			DIC	DO	DOC	ECHF	FCHF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CARBON DISOLVED INORGAN. MG/L AS C	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3
840109	1320	51000		14.4			10<	0.3500	7.1	4	0.5	55.000
840305	1310	51004		13.8			10<	0.3200	7.0	4	0.0	55.000
840509	1200	51008		11.0			10<	0.5700	7.2		7.0	51.000
840611	1740	51012		13.2			10<	1.1000	7.0	6 3	17.0	53.000
840716	1345	51016		8.2	7.9		10<	1.1000	7.4	6	20.0	44.000
840813	1500	51020		7.8	7.8			0.7300	8.2	6	24.5	54.000
840911	1410	51024		9.4				0.8200	7.9	6	17.0	52.000
841015	1630	51028	12.1	10.8	7.3	10<		0.8800	7.8	6	13.0	51.000
841105	1205	51032		13.0	7.4	10<		0.7500	7.4	4	1.0	35.000
		MAXIMUM	12.1	14.4	7.9			1.1000	8.2		24.5	55.000
		ARITH MEAN	12.1	11.3	7.6			0.7356	7.4		11.1	50.000
		GEOM MEAN		11.0	7.6			0.6786	7.4			49.558
		MINIMUM	12.1	7.8	7.3			0.3200	7.0		0.0	35.000
		STD DEV (GEOM *)		2.5	0.3			0.2834	0.4			6.538
		# SAMP IN STATISTICS	1	9	4			9	9		9	9
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: WABIGOON RIVER STATION ID: 19-0001-005-02
SAMPLE POINT: UPSTR FROM GREAT LAKES FOREST PRODUCTS
STATION TYPE: RIVER MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 49 46 20.06 LONG: 092 50 47.56 U T M: 15 0511050.0 5513100.0 4 REGION: 06 DISTANCE: 265.017

*=INTERIM TEST-NAME:			HGUT	MNUT	NIUT	NHNTFR	NNO2FR	NNO3FR	NNTKUR	PH	PHNOL		PPO4FR
			MERCURY	MANGANSE	NICKEL	NH3-N TOTAL			K'DAHL N TOTAL		PHENOLS		PO4
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. UG/L AS HG	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	PH	UNF-REAC UG/L PHENOL		FIL.REAC MG/L AS P
840109	1320	51000		0.007	0.002<	0.060	0.003	0.020	0.960	7.40			0.010
840305	1310	51004		0.007	0.002<	0.040	0.018	0.010	0.400	7.60			0.008
840509	1200	51008	0.005<	0.038	0.005	0.020	0.001	0.010	0.490	7.80			0.006
840611	1740	51012	0.005	0.021	0.002	0.010	0.003	0.010<	0.400	7.90	0.8		0.009
840716	1345	51016	0.005<	0.026	0.003	0.020	0.008	0.010<	0.560	7.70	0.400	<T	0.016
840813	1500	51020	0.005<	0.021	0.003	0.010	0.067	0.010<	0.420	8.10	0.2	<W	0.015
840911	1410	51024		0.023	0.002<	0.010<	0.005	0.010<	0.520	8.10	0.6	<T	0.010
841015	1630	51028	0.050<	0.018	0.002	0.010	0.005	0.010<	0.440	7.90	0.2	<T	0.013
841105	1205	51032	0.005<	0.022	0.002<	0.030	0.009	0.300	0.700	7.40	1.8		0.013
		MAXIMUM	0.005	0.038	0.005	0.060	0.067	0.300	0.960	8.10	1.8		0.016
		ARITH MEAN	0.005	0.020	0.003	0.025	0.013	0.085	0.543	7.77	0.7	<A	0.011
		GEOM MEAN		0.018			0.006		0.521	7.76	0.5	<A	0.011
		MINIMUM	0.005	0.007	0.002	0.010	0.001	0.010	0.400	7.40	0.2		0.006
		STD DEV (GEOM *)		0.009			0.021		0.183	0.26	0.6	<A	0.003
		# SAMP IN STATISTICS	1	9	5	8	9	4	9	9	6		9
		% SAMP (EXCLUDED)	83		44	11		55					

*=INTERIM TEST-NAME:			PPUT	P3DICA	P3PICL	P3SILV	P324D	P324DB	P324DP	P3245T	RSF	RSP
			PHOSPHOR UNF.TOT.								RESIDUE FILTERED	RESIDUE PARTIC.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS P	DICAMBA NG/L	PICLORAM NG/L	SILVEX NG/L	2,4-D NG/L	2,4-DB NG/L	2,4-DP NG/L	2,4,5-T NG/L	MG/L	MG/L
840109	1320	51000	0.024									2.00
840305	1310	51004	0.019									1.00
840509	1200	51008	0.032									5.00
840611	1740	51012	0.032									9.00
840716	1345	51016	0.043								95.00	5.00
840813	1500	51020	0.041								93.00	7.00
840911	1410	51024	0.054								110.00	10.00
841015	1630	51028	0.040								105.00	5.00
841105	1205	51032	0.044	100<W	100<W	50<W	100<W	200<W	100<W	50<W	80.00	10.00
		MAXIMUM	0.054	100	100	50	100	200	100	50	110.00	10.00
		ARITH MEAN	0.037	100<A	100<A	50<A	100<A	200<A	100<A	50<A	96.60	6.00
		GEOM MEAN	0.035								96.02	4.88
		MINIMUM	0.019	100	100	50	100	200	100	50	80.00	1.00
		STD DEV (GEOM *)	0.011								11.63	3.28
		# SAMP IN STATISTICS	9	1	1	1	1	1	1	1	5	9
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: NABIGOON RIVER STATION ID: 19-0001-005-02
SAMPLE POINT: UPSTR FROM GREAT LAKES FOREST PRODUCTS
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 49 46 20.06 LONG: 092 50 47.56 U T M: 15 0511050.0 5513100.0 4 REGION: 06 DISTANCE: 265.017

**=INTERIM TEST-NAME:			RST	SIO3UR	SSO4UR	TCHF	TCHFBK	TURB	X3PCPH	X3234	X32345	X32356
						COLIFORM	COLIFORM					
				SILICATE	SULPHATE	TOTAL	TOTAL MF			2,3,4	2,3,4,5	2,3,5,6
SAMPLE			RESIDUE	UNF.REAC	UNF.REAC	MF	BCKGRD		PENTACHL	TRCHLORO	TETRACHL	TRCHLORO
DATE	HOUR	SAMPLE	TOTAL	MG/L	MG/L	CNT	CNT	TURB'ITY	PHENOL	PHENOL	PHENOL	PHENOL
YYMMDD	LMT	NUMBER	MG/L	AS SI	AS SO4	/100ML	/100ML	FTU	NG/L	NG/L	NG/L	NG/L
840109	1320	51000	110.00		3.600	10<	20AID	6.60				
840305	1310	51004	65.00		3.800	10<	10AID	5.40				
840509	1200	51008	95.00		3.500	1010	690	8.30				
840611	1740	51012	80.00		2.800	50AID	1400	15.00				
840716	1345	51016	100.00	0.900	2.710	500AID	6600	20.00	50<W	100<W	50<W	50<W
840813	1500	51020	100.00	1.000	2.780			14.00	50<W	100<W	50<W	50<W
840911	1410	51024	120.00	0.400	2.780			18.00	50<W	100<W	50<W	50<W
841015	1630	51028	110.00	0.200	2.810	120C		16.00	50<W	100<W	50<W	50<W
841105	1205	51032	90.00		3.000	10AID		33.00	50<W	100<W	50<W	50<W
		MAXIMUM	120.00	1.000	3.800	1010	6600	33.00	50	100	50	50
		ARITH MEAN	96.67	0.625	3.087	338	1744	15.14	50<A	100<A	50<A	50<A
		GEOM MEAN	95.25	0.518	3.062		264	13.16	50<A	100<A	50<A	50<A
		MINIMUM	65.00	0.200	2.710	10	10	5.40	50	100	50	50
		STD DEV (GEOM *)	16.77	0.386	0.424		17*	8.42	0<A	0<A	0<A	0<A
		# SAMP IN STATISTICS	9	4	9	5	5	9	5	5	5	5
		% SAMP (EXCLUDED)				28						

**=INTERIM TEST-NAME:			X3245	X3246	ZNUT
			2,4,5	2,4,6	ZINC
SAMPLE			TRCHLORO	TRCHLORO	UNF.TOT.
DATE	HOUR	SAMPLE	PHENOL	PHENOL	MG/L
YYMMDD	LMT	NUMBER	NG/L	NG/L	AS ZN
840109	1320	51000			0.0070
840305	1310	51004			0.0040
840509	1200	51008			0.0020
840611	1740	51012			0.0020
840716	1345	51016	50<W	50<W	0.0030
840813	1500	51020	50<W	50<W	0.0020
840911	1410	51024	50<W	50<W	0.0028
841015	1630	51028	50<W	50<W	0.0025
841105	1205	51032	50<W	50<W	0.0062
		MAXIMUM	50	50	0.0070
		ARITH MEAN	50<A	50<A	0.0035
		GEOM MEAN	50<A	50<A	0.0031
		MINIMUM	50	50	0.0020
		STD DEV (GEOM *)	0<A	0<A	0.0019
		# SAMP IN STATISTICS	5	5	9
		% SAMP (EXCLUDED)			

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: AT GOLF COURSE BRIDGE DRYDEN
STATION TYPE: RIVER FLOW GAUGE FED 05QD016

STATION ID: 19-0001-006-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 49 47 21.61 LONG: 092 51 12.37 U T M: 15 0510550.0 5515000.0 4 REGION: 06 DISTANCE: 264.408

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	BOD5	CLIDUR	COLTR	COND25	CUUT	NIC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	CARBON DISOLVED INORGAN. MG/L AS C
840109	1340	51001	0.30	0101	74.0	0.0018	8.00	96.000	323.000	420.0	0.0040	
840305	1430	51005	0.30	0101	68.0		6.00	61.000		385.0		
840509	1225	51009	0.30	0101	64.0	0.0013	3.60	97.000	323.000	530.0	0.0040	
840611	1720	51013	0.30	0101	52.0	0.0010	1.60	43.000	179.000	255.0	0.0050	
840716	1415	51017	0.30	0101	56.0	0.001 <	3.10	51.000	243.000	302.0	0.0040	
840813	1445	51021	0.30	0101	52.0	0.0010	2.30	50.000	207.000	298.0	0.0030	
840911	1550	51025	0.30	0101	61.0	0.0012	2.20	59.000	206.000	305.0	0.0037	
841015	1615	51029	0.30	0101	75.0		5.60	114.000	490.000	590.0	0.0072	22.2
841105	1235	51033	0.30	0101	64.0		4.00	90.000	368.000	451.0	0.0044	
	MAXIMUM		0.30		75.0	0.0018	8.00	114.000	490.000	590.0	0.0072	22.2
	ARITH MEAN		0.30		62.9	0.0013	4.04	73.444	292.375	392.9	0.0044	22.2
	GEOM MEAN				62.4		3.58	69.474	277.232	378.5	0.0043	
	MINIMUM		0.30		52.0	0.0010	1.60	43.000	179.000	255.0	0.0030	22.2
	STD DEV (GEOM *)				8.6		2.10	25.803	104.671	115.0	0.0013	
	# SAMP IN STATISTICS		9		9	5	9	9	8	9	8	1
	% SAMP (EXCLUDED)					16						

*=INTERIM TEST-NAME:		DO	DOC	ECMF	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT	HGUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG
840109	1340	51001	13.6			100<	0.4400	7.0	4	1.5	82.000	
840305	1430	51005	11.0			100<		6.9	4	1.0	81.000	
840509	1225	51009	9.5			100<	0.7300	7.0		11.0	105.000	0.009
840611	1720	51013	12.8			1000AID	1.6000	7.2	9 3	17.0	70.000	0.009
840716	1415	51017	6.2	17.5		60000AID	1.5000	7.3	6 0	20.5	91.000	0.010
840813	1445	51021	6.0	17.0			0.8800	7.2	9	25.0	77.000	0.010
840911	1550	51025	8.8				0.8000	8.3	0 9	17.0	82.000	
841015	1615	51029	8.8	31.0	1000AID		0.9400	7.2	6 0 9	13.5	116.000	0.014
841105	1235	51033	11.5	22.5	100<		0.9900	7.3	6 0	6.0	100.000	0.012
	MAXIMUM		13.6	31.0	1000	60000	1.6000	8.3		25.0	116.000	0.014
	ARITH MEAN		9.8	22.0	1000	30500	0.9850	7.3		12.5	89.333	0.011
	GEOM MEAN		9.5	21.3			0.9182	7.3		8.4	88.272	0.011
	MINIMUM		6.0	17.0	1000	1000	0.4400	6.9		1.0	70.000	0.009
	STD DEV (GEOM *)		2.7	6.5			0.3878	0.4		8.4	14.900	0.002
	# SAMP IN STATISTICS		9	4	1	2	8	9		9	9	6
	% SAMP (EXCLUDED)				50	60						

(C O N T D)

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: AT GOLF COURSE BRIDGE DRYDEN
STATION TYPE: RIVER FLOW GAUGE FED 05QD016

STATION ID: 19-0001-006-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 49 47 21.61 LONG: 092 51 12.37 U T M: 15 0510550.0 5515000.0 4 REGION: 06 DISTANCE: 264.408

*=INTERIM TEST-NAME:			MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PH	PHNOL	PPO4FR	PPUT
					NH3-N			K'DAHL N				
			MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL		PHENOLS	PO4	PHOSPHOR
SAMPLE			UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC		UNF-REAC	FIL.REAC	UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS MN	AS NI	AS N	AS N	AS N	AS N	PH	PHENOL	AS P	AS P
840109	1340	51001	0.082	0.002<	0.020	0.014	0.010<	0.910	7.10		0.016	0.077
840305	1430	51005	0.087		0.040	0.014	0.020	1.000	7.20		0.010	0.085
840509	1225	51009	0.160	0.004	0.010	0.016	0.006	1.100	7.30		0.014	0.130
840611	1720	51013	0.062	0.003	0.040	0.008	0.010<	0.710	7.60	5.0	0.009	0.068
840716	1415	51017	0.090	0.002<	0.020	0.016	0.010<	0.840	7.40	52.0	0.019	0.094
840813	1445	51021	0.070	0.006	0.060	0.013	0.010<	0.720	7.50	11.6	0.015	0.084
840911	1550	51025	0.072	0.002<	0.010	0.011	0.010<	0.680	7.70	8.2	0.011	0.072
841015	1615	51029	0.170	0.004	0.020	0.022	0.010<	1.200	7.10	159.0	0.018	0.130
841105	1235	51033	0.130	0.004	0.020	0.022	0.020	1.000	7.40	21.4	0.016	0.130
		MAXIMUM	0.170	0.006	0.060	0.022	0.020	1.200	7.70	159.0	0.019	0.130
		ARITH MEAN	0.103	0.004	0.027	0.015	0.015	0.907	7.37	42.9	0.014	0.097
		GEOM MEAN	0.096		0.023	0.014		0.890	7.36	20.9	0.014	0.094
		MINIMUM	0.062	0.003	0.010	0.008	0.006	0.680	7.10	5.0	0.009	0.068
		STD DEV (GEOM *)	0.040		0.017	0.005		0.184	0.21	59.4	0.004	0.026
		# SAMP IN STATISTICS	9	5	9	9	3	9	9	6	9	9
		% SAMP (EXCLUDED)		37			66					

*=INTERIM TEST-NAME:			P3DICA	P3PICL	P3SILV	P324D	P324DB	P324DP	P3245T	RSF	RSP	RST
										RESIDUE	RESIDUE	RESIDUE
SAMPLE										FILTERED	PARTIC.	TOTAL
DATE	HOUR	SAMPLE	DICAMBA	PICLORAM	SILVEX	2,4-D	2,4-DB	2,4-DP	2,4,5-T	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L			
840109	1340	51001									5.00	310.00
840305	1430	51005									4.00	250.00
840509	1225	51009									8.00	370.00
840611	1720	51013									10.00	190.00
840716	1415	51017								240.00	10.00	250.00
840813	1445	51021								220.00	10.00	230.00
840911	1550	51025								230.00	10.00	240.00
841015	1615	51029								355.00	15.00	370.00
841105	1235	51033	100<W	100<W	50<W	100<W	200<W	100<W	50<W	290.00	10.00	300.00
		MAXIMUM	100	100	50	100	200	100	50	355.00	15.00	370.00
		ARITH MEAN	100<A	100<A	50<A	100<A	200<A	100<A	50<A	267.00	9.11	278.89
		GEOM MEAN								262.66	8.53	272.72
		MINIMUM	100	100	50	100	200	100	50	220.00	4.00	190.00
		STD DEV (GEOM *)								56.08	3.22	62.74
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	5	9	9
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: AT GOLF COURSE BRIDGE DRYDEN
STATION TYPE: RIVER FLOW GAUGE FED 05QD016

STATION ID: 19-0001-006-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 49 47 21.61 LONG: 092 51 12.37 U T M: 15 0510550.0 5515000.0 4 REGION: 06 DISTANCE: 264.408

#=INTERIM TEST-NAME:			SIO3UR	SSO4UR	TCMF	TCMFBK	TURB	X3PCPH	X3234	X32345	X32356	X3245
			SILICATE	SULPHATE	COLIFORM TOTAL	COLIFORM TOTAL MF			2,3,4	2,3,4,5	2,3,5,6	2,4,5
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.REAC MG/L AS SI	UNF.REAC MG/L AS SO4	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	PENTACHL PHENOL NG/L	TRCHLORO PHENOL NG/L	TETRACHL PHENOL NG/L	TRCHLORO PHENOL NG/L	TRCHLORO PHENOL NG/L
840109	1340	51001		21.000	1400000	200000	8.40					
840305	1430	51005		20.000	5600000	1600000	7.10					
840509	1225	51009		17.000	7000000	100E+06<	17.00					
840611	1720	51013		7.100	280000	30000AID	17.00					
840716	1415	51017	1.200	8.380	3600000	400000AID	21.00	50<W	100<W	50<W	50<W	50<W
840813	1445	51021	1.300	7.570			16.00	50<W	100<W	50<W	50<W	50<W
840911	1550	51025	0.700	9.790			17.00	50<W	100<W	50<W	50<W	50<W
841015	1615	51029	0.900	14.100	3700000		18.00		100<W	100	900	450
841105	1235	51033		11.000	1170000		36.00	50<W	100<W	50<W	400<T	50<W
		MAXIMUM	1.300	21.000	7000000	1600000	36.00	50	100	100	900	450
		ARITH MEAN	1.025	12.882	3250000	557500	17.50	50<A	100<A	60<A	290<A	130<A
		GEOM MEAN	0.996	11.927	2187230		15.87	50<A	100<A	57<A	135<A	78<A
		MINIMUM	0.700	7.100	280000	30000	7.10	50	100	50	50	50
		STD DEV (GEOM #)	0.275	5.362	3#		8.28	0<A	0<A	22<A	373<A	179<A
		# SAMP IN STATISTICS	4	9	7	4	9	4	5	5	5	5
		% SAMP (EXCLUDED)				20						

#=INTERIM TEST-NAME:			X3246	ZNUT
			2,4,6	ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TRCHLORO PHENOL NG/L	UNF.TOT. MG/L AS ZN
840109	1340	51001		0.0100
840509	1225	51009		0.0110
840611	1720	51013		0.0110
840716	1415	51017	1000	0.0100
840813	1445	51021	2300	0.0060
840911	1550	51025	645	0.0079
841015	1615	51029	4000	0.0160
841105	1235	51033	2600	0.0110
		MAXIMUM	4000	0.0160
		ARITH MEAN	2109	0.0104
		GEOM MEAN	1728	0.0100
		MINIMUM	645	0.0060
		STD DEV (GEOM #)	1344	0.0029
		# SAMP IN STATISTICS	5	8
		% SAMP (EXCLUDED)		

B.O.W./ SITE: TROUTLAKE RIVER
SAMPLE POINT: AT HIGHWAY NO 105
STATION TYPE: RIVER

STATION ID: 19-0001-008-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 50 49 24.44 LONG: 093 25 29.18 U T M: 15 0470080.0 5630060.0 4 REGION: 06 DISTANCE: 233.349

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN
840110	1300	51100	0.30	0101	4.000	48.0				0.50		
840305	1500	51101	0.30	0101	2.000	45.0	0.0010			0.60		
840510	1240	51102	0.30	0101	3.000	34.0	0.0014			1.30		
840612	1505	51103	0.30	0101	2.000	40.0				0.90		
840717	1045	51104	0.30	0101	3.000	36.0	0.0027	0.001<	0.800	0.70	0.004<T	0.001<N
840813	1815	51105	0.30	0101	5.000	36.0				0.80		
840912	1120	51106	0.30	0101	2.000	38.0	0.0027			0.70		
841016	0930	51107	0.30	0101		37.0				0.60		
		MAXIMUM	0.30		5.000	48.0	0.0027		0.800	1.30	0.004	0.001
		ARITH MEAN	0.30		3.000	39.2	0.0019		0.800	0.76	0.004<A	0.001<A
		GEOM MEAN			2.826	39.0	0.0018			0.73		
		MINIMUM	0.30		2.000	34.0	0.0010		0.800	0.50	0.004	0.001
		STD DEV (GEOM *)			1.155	4.9	0.0009			0.25		
		# SAMP IN STATISTICS	8		7	8	4		1	8	1	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COND25	COUT	CRUT	CUUT	DO	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	PH FIELD
840110	1300	51100		0.700	30.000	107.0				10.6	0.2000	7.1
840305	1500	51101	0.0005<	0.600	26.000	107.0	0.0020<	0.0020<	0.0020	10.1	0.2100	7.0
840510	1240	51102	0.0005<	0.600	87.000	88.0	0.0030<	0.0020<	0.0020	12.4	0.3300	7.0
840612	1505	51103		0.700		99.0				9.5		7.2
840717	1045	51104	0.0005<	0.400	75.000	92.0	0.0010<	0.0020<	0.0010	8.8	0.4000	7.3
840813	1815	51105		0.400	51.000	90.0				7.4		8.0
840912	1120	51106	0.0005<	0.400	48.000	89.0	0.0020<	0.0020<	0.0021	12.0	0.3400	7.2
841016	0930	51107		0.500	44.000	90.0				10.8		7.5
		MAXIMUM		0.700	87.000	107.0			0.0021	12.4	0.4000	8.0
		ARITH MEAN		0.537	51.571	95.2			0.0018	10.2	0.2960	7.3
		GEOM MEAN		0.524	47.533	95.0			0.0017	10.1	0.2851	7.3
		MINIMUM		0.400	26.000	88.0			0.0010	7.4	0.2000	7.0
		STD DEV (GEOM *)		0.130	22.337	8.0			0.0005	1.6	0.0873	0.3
		# SAMP IN STATISTICS		8	7	8			4	8	5	8
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: TROUTLAKE RIVER
SAMPLE POINT: AT HIGHWAY NO 105
STATION TYPE: RIVER

STATION ID: 19-0001-000-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 50 49 24.44 LONG: 093 25 29.18 U T M: 15 0470080.0 5630060.0 4 REGION: 06 DISTANCE: 233.349

#=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
									NH3-N			K'DAHL N
SAMPLE				WATER	HARDNESS	MERCURY	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL
DATE	HOUR	SAMPLE	STREAM	TEMP	TOTAL	UNF.TOT.	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC
YYMMDD	LMT	NUMBER	COND.	DEG.C	MG/L AS CACO3	UG/L AS HG	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N
840110	1300	51100	4	0.5	49.000				0.030	0.003	0.070	0.470
840305	1500	51101	4	1.0	49.000		0.013	0.002<	0.010	0.002	0.100	0.370
840510	1240	51102		7.5	38.000		0.010	0.004	0.030	0.002	0.067	0.600
840612	1505	51103	6 8	19.0	38.000				0.020	0.002	0.010<	0.600
840717	1045	51104	7 3	20.0	46.000	0.050<	0.015	0.002<	0.020	0.004	0.010<	0.520
840813	1815	51105	6	25.0	43.000				0.040	0.002	0.010<	0.450
840912	1120	51106	6	14.0	47.000		0.018	0.002<	0.010<	0.002	0.010<	0.460
841016	0930	51107	6	11.0					0.020	0.002	0.010<	0.460
		MAXIMUM		25.0	49.000		0.018	0.004	0.040	0.004	0.100	0.600
		ARITH MEAN		12.2	44.286		0.014	0.004	0.024	0.002	0.079	0.491
		GEOM MEAN		7.0	44.060		0.014			0.002		0.486
		MINIMUM		0.5	38.000		0.010	0.004	0.010	0.002	0.067	0.370
		STD DEV (GEOM #)		8.9	4.751		0.003			0.001		0.079
		# SAMP IN STATISTICS		8	7		4	1	7	8	3	8
		% SAMP (EXCLUDED)						75	12		62	

#=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TURB	ZNUT
			LEAD		PO4	PHOSPHOR			SILICATE	SULPHATE		ZINC
SAMPLE			UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	UNF.REAC		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L		MG/L	MG/L	PARTIC.	TOTAL	MG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS PB	PH	AS P	AS P	MG/L	MG/L	AS SI	AS SO4	FTU	AS ZN
840110	1300	51100		6.90	0.006	0.016	2.00	80.00		4.700	2.20	
840305	1500	51101	0.003<	7.10	0.003	0.015	2.00	70.00		5.000	2.00	0.0040
840510	1240	51102	0.003<	7.60	0.005	0.030	6.00	90.00	1.600	4.800	3.80	0.0010
840612	1505	51103		7.60	0.003	0.033	10.00	80.00	1.400	4.700	7.70	
840717	1045	51104	0.003<	7.60	0.004	0.026	7.00	85.00	1.300	4.120	5.60	0.0020
840813	1815	51105		7.40	0.004	0.024	7.00	95.00	1.100	4.140	4.50	
840912	1120	51106	0.003<	7.60	0.002	0.031	6.00	80.00	1.100	3.660	5.20	0.0034
841016	0930	51107		7.70	0.004	0.031	10.00	75.00		4.150	6.40	
		MAXIMUM		7.70	0.006	0.033	10.00	95.00	1.600	5.000	7.70	0.0040
		ARITH MEAN		7.44	0.004	0.026	6.25	81.87	1.300	4.409	4.67	0.0026
		GEOM MEAN		7.43	0.004	0.025	5.38	81.54	1.286	4.388	4.26	0.0023
		MINIMUM		6.90	0.002	0.015	2.00	70.00	1.100	3.660	2.00	0.0010
		STD DEV (GEOM #)		0.29	0.001	0.007	3.06	7.99	0.212	0.456	1.98	0.0014
		# SAMP IN STATISTICS		8	8	8	8	8	5	8	8	4
		% SAMP (EXCLUDED)										

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DNSTR.FROM CONFLUENCE WITH BAUDETTE R.
STATION TYPE: RIVER

STATION ID: 19-0001-009-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

LAT: 48 43 10.93 LONG: 094 35 28.91 U T M: 15 0382950.0 5397300.0 4 REGION: 06 DISTANCE: 225.946

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
							BOD	CYANIDE	CYANIDE		
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	5 DAY TOT.DEM. MG/L AS O	AVAIL UNF.REAC MG/L AS HCN	FREE UNF.REAC MG/L AS HCN	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-
840208	1330 51305	0.30	0101		25.0		1.90				3.800
840508	1445 51311	0.30	0103		34.0	0.0010	0.90	0.001<W	0.001<W	0.0005<	2.700
840613	1540 51317	0.30	0101		46.0	0.0010<	0.70			0.0005<	1.400
840718	1320 51323	0.30	0101	3.000	30.0	0.0010	0.90	0.001<W	0.001<W	0.0005<	1.900
840815	1440 51329	0.30	0101	4.000	29.0		1.00				3.600
840912	1925 51335	0.30	0101	2.000	31.0	0.0010<	1.30	0.003<T	0.001<W	0.0005<	4.800
841017	1315 51341	0.30	0101	4.000	40.0		0.70				7.400
841106	1115 51347	0.30	0101	4.000	35.0		1.10			0.0005<	5.000
	MAXIMUM	0.30		4.000	46.0	0.0010	1.90	0.003	0.001		7.400
	ARITH MEAN	0.30		3.400	33.7	0.0010	1.06	0.002<A	0.001<A		3.825
	GEOM MEAN			3.268	33.2		1.01	0.001<A	0.001<A		3.390
	MINIMUM	0.30		2.000	25.0	0.0010	0.70	0.001	0.001		1.400
	STD DEV (GEOM *)			0.894	6.7		0.39	0.001<A	0.000<A		1.928
	# SAMP IN STATISTICS	8		5	8	2	8	3	3		8
	% SAMP (EXCLUDED)					50					

*=INTERIM TEST-NAME:		COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECHF	FCHF	FEUT
										FECAL	
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840208	1330 51305	62.000		84.0				12.0		400AID	
840508	1445 51311		109.000	93.0	0.0020<	0.0030	0.0020	11.0		1800	0.500
840613	1540 51317		195.000	102.0	0.0020<	0.0020	0.0020	13.0		70<	1.2000
840718	1320 51323			83.0	0.0020<	0.0030	0.0010	8.4		30AID	0.620
840815	1440 51329	49.000		38.0				7.4			
840912	1925 51335	59.000		95.0	0.0020<	0.0020<	0.0035	9.0		90AID	0.1400
841017	1315 51341	72.000		128.0				10.2			
841106	1115 51347		149.000	110.0	0.0020<	0.0020<	0.0013	12.0	70C		0.480
	MAXIMUM	72.000	195.000	128.0		0.0030	0.0035	13.0	70	1800	1.2000
	ARITH MEAN	60.500	151.000	91.6		0.0027	0.0020	10.4	70	580	0.588
	GEOM MEAN	59.937	146.853	87.3			0.0018	10.2			0.478
	MINIMUM	49.000	109.000	38.0		0.0020	0.0010	7.4	70	30	0.1400
	STD DEV (GEOM *)	9.469	43.035	26.2			0.0010	2.0			0.386
	# SAMP IN STATISTICS	4	3	8		3	5	8	1	4	5
	% SAMP (EXCLUDED)					40				20	

(C O N T D)

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DNSTR.FROM CONFLUENCE WITH BAUDETTE R.
STATION TYPE: RIVER

STATION ID: 19-0001-009-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05 001

LAT: 48 43 10.93 LONG: 094 35 28.91 U T M: 15 0382950.0 5397300.0 4 REGION: 06 DISTANCE: 225.946

#=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	PBUT	PH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH
840208	1330	51305	6.9	4	1.0	31.000						7.10
840508	1445	51311	7.2		7.0	40.000	0.050<	0.027	0.003		0.004	7.60
840613	1540	51317	7.2	3 6	17.0	54.000	0.050<	0.052	0.004		0.003<	7.50
840718	1320	51323	7.2		21.0	17.000	0.050<	0.042	0.002	0.020	0.003<	7.40
840815	1440	51329	7.5	6	23.5	37.000				0.040		7.20
840912	1925	51335	7.3	6	16.0	41.000	0.050<	0.015	0.002<	0.050	0.003<	7.60
841017	1315	51341	7.7		11.0	47.000				0.040		7.30
841106	1115	51347	7.2	6	0.5	48.000	0.050<	0.033	0.002	0.010<	0.003<	7.20
		MAXIMUM	7.7		23.5	54.000		0.052	0.004	0.050	0.004	7.60
		ARITH MEAN	7.3		12.1	39.375		0.034	0.003	0.037	0.004	7.36
		GEOM MEAN	7.3		6.9	37.482		0.031				7.36
		MINIMUM	6.9		0.5	17.000		0.015	0.002	0.020	0.004	7.10
		STD DEV (GEOM *)	0.2		8.7	11.501		0.014				0.19
		# SAMP IN STATISTICS	8		8	8		5	4	4	1	8
		% SAMP (EXCLUDED)							20	20	80	

#=INTERIM TEST-NAME:			PPO4FR	PPUT	RSP	RST	TCHF	TCHFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840208	1330	51305	0.001	0.022	2.00	90.00	3900	4400	1.20	
840508	1445	51311	0.005	0.042	15.00	100.00	15000	33000	3.30	0.0020
840613	1540	51317	0.017	0.070	30.00	140.00	1700C	29000	17.00	0.0070
840718	1320	51323	0.014	0.045	8.00	80.00	1000AID	42000	3.60	0.0030
840815	1440	51329	0.006	0.033	3.00	70.00			1.80	
840912	1925	51335	0.015	0.038	5.00	90.00	500AID	20000	1.80	0.0032
841017	1315	51341	0.020	0.049	8.00	110.00	1500		4.20	
841106	1115	51347	0.003	0.037	7.00	120.00			7.20	0.0026
		MAXIMUM	0.020	0.070	30.00	140.00	15000	42000	17.00	0.0070
		ARITH MEAN	0.010	0.042	9.75	100.00	3933	25680	5.01	0.0036
		GEOM MEAN	0.007	0.040	7.04	97.82	2052	20405	3.52	0.0032
		MINIMUM	0.001	0.022	2.00	70.00	500	4400	1.20	0.0020
		STD DEV (GEOM *)	0.007	0.014	9.10	22.68	3*	2*	5.20	0.0020
		# SAMP IN STATISTICS	8	8	8	8	6	5	8	5
		% SAMP (EXCLUDED)								

B.O.W./ SITE: RAINY RIVER STATION ID: 19-0001-010-02
SAMPLE POINT: UPSTR.FROM CONFLUENCE WITH BAUDETTE R.
STATION TYPE: RIVER MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER 001

LAT: 48 42 58.13 LONG: 094 33 18.81 U T M: 15 0385600.0 5396850.0 4 REGION: 06 DISTANCE: 228.521

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ACDT	ALKT	BOD5	CDUT	CLIDUR	COLAP	COLTR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C
840207	1340	51304	0.30	0101		26.0	1.10		3.300	63.000		82.0
840508	1445	51310	0.30	0101		33.0	0.80		2.500		106.000	91.0
840613	1210	51316	0.30	0101		49.0	0.70		1.500		197.000	109.0
840718	1310	51322	0.30	0101	3.000	30.0	0.80		2.000		103.000	84.0
840815	1510	51328	0.30	0101	4.000	29.0	0.80		3.600	66.000		88.0
840912	1935	51334	0.30	0101	2.000	32.0	1.10		5.200	60.000		96.0
841017	1300	51340	0.30	0101	3.000	41.0	0.80		8.500	76.000		142.0
841106	1015	51346	0.30	0101	5.000	36.0	1.30	0.0005<	5.000		150.000	111.0
		MAXIMUM	0.30		5.000	49.0	1.30		8.500	76.000	197.000	142.0
		ARITH MEAN	0.30		3.400	34.5	0.92		3.950	66.250	139.000	100.4
		GEOM MEAN			3.245	33.9	0.91		3.442	65.988	134.022	98.8
		MINIMUM	0.30		2.000	26.0	0.70		1.500	60.000	103.000	82.0
	STD DEV (GEOM *)				1.140	7.4	0.21		2.262	6.946	44.234	19.9
# SAMP IN STATISTICS		8			5	8	8		8	4	4	8
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		COUT	CRUT	CUUT	DO	ECNF	FCNF	FEUT	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840207	1340	51304				13.3		100AID		6.9	4	1.0
840508	1445	51310				11.0		270		7.3		7.0
840613	1210	51316				12.0		60AID		7.1	6 3	17.0
840718	1310	51322				8.1		10AID		7.2		21.0
840815	1510	51328				6.8				7.5	6	24.0
840912	1935	51334				8.4		50AID		7.3	6	16.5
841017	1300	51340				11.0				7.8	6	9.0
841106	1015	51346	0.002<	0.002<	0.0015	12.0	30AID		0.410	7.1	6	0.5
		MAXIMUM			0.0015	13.3	30	270	0.410	7.8		24.0
		ARITH MEAN			0.0015	10.3	30	98	0.410	7.3		12.0
		GEOM MEAN				10.1		60		7.3		6.8
		MINIMUM			0.0015	6.8	30	10	0.410	6.9		0.5
	STD DEV (GEOM *)					2.3		3*		0.3		8.9
# SAMP IN STATISTICS					1	8	1	5	1	8		8
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: RAINY RIVER STATION ID: 19-0001-010-02
SAMPLE POINT: UPSTR.FROM CONFLUENCE WITH BAUDETTE R.
STATION TYPE: RIVER MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER 001

LAT: 48 42 58.13 LONG: 094 33 18.81 U T M: 15 0385600.0 5396850.0 4 REGION: 06 DISTANCE: 228.521

#=INTERIM TEST-NAME:			HARDT	HGUT	MNUT	NIUT	NNHTFR	PBUT	PH	PPO4FR	PPUT	RSP
			HARDNESS	MERCURY	MANGANSE	NICKEL	NH3-N TOTAL	LEAD		PO4	PHOSPHOR	
SAMPLE DATE	HOUR	SAMPLE	TOTAL MG/L	UNF.TOT. UG/L	UNF.TOT. MG/L	UNF.TOT. MG/L	FIL.REAC MG/L	UNF.TOT. MG/L		FIL.REAC MG/L	UNF.TOT. MG/L	RESIDUE PARTIC.
YYMMDD	LMT	NUMBER	AS CACO3	AS HG	AS MN	AS NI	AS N	AS PB	PH	AS P	AS P	MG/L
840207	1340	51304	29.000						7.10	0.001	0.027	2.00
840508	1445	51310	41.000						7.60	0.004	0.040	9.00
840613	1210	51316	60.000						7.50	0.015	0.068	30.00
840718	1310	51322	11.000				0.030		7.30	0.012	0.035	5.00
840815	1510	51328	35.000				0.040		7.20	0.005	0.032	3.00
840912	1935	51334	37.000				0.040		7.60	0.013	0.037	1.00
841017	1300	51340	53.000				0.040		7.30	0.020	0.056	10.00
841106	1015	51346	50.000	0.050<	0.034	0.002<	0.010<	0.003<	7.20	0.004	0.036	6.00
		MAXIMUM	60.000		0.034		0.040		7.60	0.020	0.068	30.00
		ARITH MEAN	39.500		0.034		0.037		7.35	0.009	0.041	8.25
		GEOM MEAN	35.792						7.35	0.007	0.040	5.14
		MINIMUM	11.000		0.034		0.030		7.10	0.001	0.027	1.00
		STD DEV (GEOM *)	15.418						0.19	0.007	0.014	9.35
		# SAMP IN STATISTICS	8		1		4		8	8	8	8
		% SAMP (EXCLUDED)					20					

#=INTERIM TEST-NAME:			RST	TCMF	TCMFBK	TURB	ZNUT
				COLIFORM	COLIFORM		
				TOTAL	TOTAL MF		ZINC
SAMPLE			RESIDUE	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	TOTAL	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	MG/L	/100ML	/100ML	FTU	AS ZN
840207	1340	51304	80.00	3400	4100	1.20	
840508	1445	51310	100.00	1400	8700	2.50	
840613	1210	51316	150.00	1800	9100	17.00	
840718	1310	51322	90.00	2000AID	30000	3.60	
840815	1510	51328	80.00			1.90	
840912	1935	51334	90.00	500AID	3000	2.10	
841017	1300	51340	100.00	2300		5.80	
841106	1015	51346	90.00	5500		7.10	0.0033
		MAXIMUM	150.00	5500	30000	17.00	0.0033
		ARITH MEAN	97.50	2414	10980	5.15	0.0033
		GEOM MEAN	95.64	1953	7818	3.63	
		MINIMUM	80.00	500	3000	1.20	0.0033
		STD DEV (GEOM *)	22.52	2*	2*	5.20	
		# SAMP IN STATISTICS	8	7	5	8	1
		% SAMP (EXCLUDED)					

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: ABOVE EMO
STATION TYPE: RIVER

STATION ID: 19-0001-011-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

LAT: 48 37 33.67 LONG: 093 50 02.01 U T M: 15 0438550.0 5386000.0 4 REGION: 06 DISTANCE: 308.606

#=INTERIM TEST-NAME:			FMSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ACIDITY	ALK		BOD 5 DAY	CYANIDE	CYANIDE		
SAMPLE			SAMPLE	PROJECT	TOTAL	TOTAL	ARSENIC	TOT.DEM.	AVAIL	FREE	CADMIUM	CHLORIDE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UNF.TOT. MG/L	MG/L	UNF.REAC MG/L	UNF.REAC MG/L	UNF.TOT. MG/L	UNF.REAC MG/L
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS CACO3	AS AS	AS O	AS HCN	AS HCN	AS CD	AS CL-
840208	0830	51302	0.30	0101	2.000	21.0		1.00				3.300
840508	1330	51308	0.30	0103	3.000	33.0	0.0019	1.00	0.001<N	0.001<N	0.0005<	3.500
840613	1300	51314	0.30	0101		32.0	0.0010<	0.80			0.0005<	1.700
840718		51320	0.30	0101	3.000	24.0	0.0010<	0.90	0.001<N	0.001<N	0.0005<	2.400
840815	1615	51326	0.30	0101	2.000	24.0		1.00				2.900
840912	1625	51332	0.30	0101	3.000	26.0	0.0011	0.90	0.001<N	0.001<N	0.0005<	5.900
841017	1200	51338	0.30	0101	3.000	31.0		1.50				7.500
841106	0915	51344	0.30	0101	5.000	29.0		1.30			0.0005<	6.300
		MAXIMUM	0.30		5.000	33.0	0.0019	1.50	0.001	0.001		7.500
		ARITH MEAN	0.30		3.000	27.5	0.0015	1.05	0.001<A	0.001<A		4.187
		GEOM MEAN			2.874	27.2		1.03	0.001<A	0.001<A		3.738
		MINIMUM	0.30		2.000	21.0	0.0011	0.80	0.001	0.001		1.700
		STD DEV (GEOM *)			1.000	4.4		0.23	0.000<A	0.000<A		2.093
		# SAMP IN STATISTICS	8		7	8	2	8	3	3		8
		% SAMP (EXCLUDED)					50					

#=INTERIM TEST-NAME:			COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	ECNF	FCNF	FEUT
					CONDUCT.	COBALT	CHROMIUN	COPPER	DISOLVED	ESCH'IA	FECAL COLIFORM	IRON
SAMPLE			COLOUR	COLOUR	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLI MF	MF	UNF.TOT.
DATE	HOUR	SAMPLE	APPARENT	TRUE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	CNT	MG/L
YYMMDD	LMT	NUMBER	HZU	HZU	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	/100ML	AS FE
840208	0830	51302	60.000		70.0				12.2		1600	
840508	1330	51308		97.000	96.0	0.0020<	0.0020	0.0020	12.0		3000	0.840
840613	1300	51314		146.000	78.0	0.0020	0.0020	0.0050	8.6		100<	1.0000
840718		51320	78.000		73.0	0.0020	0.0020<	0.0010	8.0		100<	0.300
840815	1615	51326	67.000		76.0				7.2			
840912	1625	51332	66.000		89.0	0.0020<	0.0020<	0.0036	9.2		150	0.1600
841017	1200	51338		68.000	109.0				11.0			
841106	0915	51344		118.000	99.0	0.0020<	0.0045	0.0096	11.7	200AID		0.400
		MAXIMUM	78.000	146.000	109.0	0.0020	0.0045	0.0096	12.2	200	3000	1.0000
		ARITH MEAN	67.750	107.250	86.2	0.0020	0.0028	0.0042	10.0	200	1583	0.540
		GEOM MEAN	67.448	103.247	85.3			0.0032	9.8			0.438
		MINIMUM	60.000	68.000	70.0	0.0020	0.0020	0.0010	7.2	200	150	0.1600
		STD DEV (GEOM *)	7.500	32.979	14.1			0.0034	2.0			0.362
		# SAMP IN STATISTICS	4	4	8	2	3	5	8	1	3	5
		% SAMP (EXCLUDED)				60	40				40	

(C O N T D)

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: ABOVE EMO
STATION TYPE: RIVER

STATION ID: 19-0001-011-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05 001

LAT: 48 37 33.67 LONG: 093 50 02.01 U T M: 15 0438550.0 5386000.0 4 REGION: 06 DISTANCE: 308.606

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	PBUT	PH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH
840208	0830	51302	7.0	4	2.0	24.000						7.10
840508	1330	51308	7.1		7.0	40.000	0.050<	0.027	0.003		0.005	7.70
840613	1300	51314	7.1	6 3	17.0	38.000	0.050<	0.051	0.004		0.003<	7.30
840718		51320	7.2	6	20.0	17.000	0.050<	0.018	0.002	0.030	0.003<	7.20
840815	1615	51326	7.3	6	25.0	34.000				0.030		7.40
840912	1625	51332	7.4	6	16.0	33.000	0.050<	0.018	0.002<	0.020	0.003<	7.40
841017	1200	51338	7.4	6	8.0	36.000				0.010<		7.10
841106	0915	51344	7.1	6	2.0	39.000	0.050<	0.030	0.002<	0.010<	0.003	7.10
		MAXIMUM	7.4		25.0	40.000		0.051	0.004	0.030	0.005	7.70
		ARITH MEAN	7.2		12.1	32.625		0.029	0.003	0.027	0.004	7.29
		GEOM MEAN	7.2		8.6	31.531		0.027				7.28
		MINIMUM	7.0		2.0	17.000		0.018	0.002	0.020	0.003	7.10
		STD DEV (GEOM *)	0.2		8.6	8.070		0.014				0.21
		# SAMP IN STATISTICS	8		8	8		5	3	3	2	8
		% SAMP (EXCLUDED)							40	40	60	

*=INTERIM TEST-NAME:		PP04FR	PPUT	RSP	RST	TCNF	TCNFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840208	0830	51302	0.009	0.028	1.00	80.00	15100	5200	1.20	
840508	1330	51308	0.006	0.054	25.00	120.00	22000	27000	8.00	0.0030
840613	1300	51314	0.016	0.055	25.00	100.00	1100	4300	14.00	0.0460
840718		51320	0.014	0.064	6.00	65.00	1100	8800	3.40	0.0020
840815	1615	51326	0.009	0.034	5.00	90.00			2.20	
840912	1625	51332	0.013	0.037	2.00	85.00	2100	12000	2.70	0.0038
841017	1200	51338	0.026	0.076	20.00	100.00	8000AID		14.00	
841106	0915	51344	0.006	0.040	7.00	100.00			6.40	0.3200
		MAXIMUM	0.026	0.076	25.00	120.00	22000	27000	14.00	0.3200
		ARITH MEAN	0.012	0.048	11.37	92.50	8233	11460	6.49	0.0750
		GEOM MEAN	0.011	0.046	6.92	91.17	4348	9139	4.71	0.0127
		MINIMUM	0.006	0.028	1.00	65.00	1100	4300	1.20	0.0020
		STD DEV (GEOM *)	0.007	0.016	10.21	16.48	4#	2*	5.15	0.1382
		# SAMP IN STATISTICS	8	8	8	8	6	5	8	5
		% SAMP (EXCLUDED)								

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, NORTH
STATION TYPE: RIVER

STATION ID: 19-0001-012-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

LAT: 48 32 39.69 LONG: 093 28 59.29 U T M: 15 0464340.0 5376700.0 4 REGION: 06 DISTANCE: 328.297

**INTERIM TEST-NAME:			FMSADP	FGPROJ	ACDT	ALKT	ASUT	BOD5	CCNAUR	CCNFUR	CDUT	CLIDUR
					ACIDITY			BOD	CYANIDE	CYANIDE		
SAMPLE			SAMPLE	PROJECT	TOTAL	ALK TOTAL	ARSENIC	5 DAY	AVAIL	FREE	CADMIUM	CHLORIDE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS CACO3	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN	MG/L AS CD	MG/L AS CL-
840208	0915	51301	0.30	0101	3.000	18.0		2.70				4.200
840508	1245	51307	0.30	0103	3.000	31.0	0.0010	1.50	0.001<W	0.001<W	0.0005<	3.800
840613	1225	51313	0.30	0101		23.0		0.60				2.300
840718	1120	51319	0.30	0101	3.000	20.0	0.0010<	0.80	0.001<W	0.001<W	0.0005<	1.800
840815	1655	51325	0.30	0101	2.000	20.0		0.90				3.300
840912	1745	51331	0.30	0101	2.000	21.0	0.0010<	1.50	0.006	0.001<W	0.0005<	6.400
841017	1120	51337	9.30	0101	5.000	25.0		2.50				5.900
841106	0830	51343	0.30	0101	2.000	25.0		1.90			0.0005<	7.700
		MAXIMUM	0.30		5.000	31.0	0.0010	2.70	0.006	0.001		7.700
		ARITH MEAN	0.30		2.857	22.9	0.0010	1.55	0.003<A	0.001<A		4.425
		GEOM MEAN			2.712	22.6		1.37	0.002<A	0.001<A		3.983
		MINIMUM	0.30		2.000	18.0	0.0010	0.60	0.001	0.001		1.800
		STD DEV (GEOM *)			1.069	4.1		0.78	0.003<A	0.000<A		2.067
		# SAMP IN STATISTICS	8		7	8	1	8	3	3		8
		% SAMP (EXCLUDED)					66					

**INTERIM TEST-NAME:			COLAP	COLTR	CONDAM	COND25	COUT	CRUT	CUUT	DO	ECHF	FCHF
					CONDUCT.	CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	ESCH'IA	FECAL COLIFORM
SAMPLE			COLOUR	COLOUR	AMBIENT	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLI MF	MF
DATE	HOUR	SAMPLE	APPARENT	TRUE	UMHO/CM	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	CNT
YYMMDD	LMT	NUMBER	HZU	HZU	AMBIENT	AT 25 C	AS CO	AS CR	AS CU	AS O	/100ML	/100ML
840208	0915	51301	62.000			71.0				12.1		16000
840508	1245	51307	75.000			98.0	0.0020<	0.0020<	0.0020	12.4		2700
840613	1225	51313	64.000			66.0				9.2		200AID
840718	1120	51319	60.000			63.0	0.0020	0.0020<	0.0020	8.8		100<
840815	1655	51325	67.000			69.0				7.2		
840912	1745	51331	67.000		710	83.0	0.0020<	0.0020<	0.0043	9.2		100
841017	1120	51337		68.000		89.0				11.4		
841106	0830	51343	73.000			94.0	0.0020<	0.0020<	0.0016	11.7	100<	
		MAXIMUM	75.000	68.000	710	98.0	0.0020		0.0043	12.4		16000
		ARITH MEAN	66.857	68.000	710	79.1	0.0020		0.0025	10.2		4750
		GEOM MEAN	66.664			78.1			0.0023	10.1		
		MINIMUM	60.000	68.000	710	63.0	0.0020		0.0016	7.2		100
		STD DEV (GEOM *)	5.521			13.6			0.0012	1.9		
		# SAMP IN STATISTICS	7	1	1	8	1		4	8		4
		% SAMP (EXCLUDED)					75					20

(C O N T D)

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, NORTH
STATION TYPE: RIVER

STATION ID: 19-0001-012-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

LAT: 48 32 39.69 LONG: 093 26 59.29 U T M: 15 0464340.0 5376700.0 4 REGION: 06 DISTANCE: 328.297

#=INTERIM TEST-NAME:			FEUT	FWPH	FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840208	0915	51301		7.1	4	1.0	22.000					
840508	1245	51307	0.400	7.1	9	5.0	39.000	0.050<	0.015	0.002		0.004
840613	1225	51313		7.2	6 3	16.0	29.000					
840718	1120	51319	0.210	7.4	6	22.0	14.000	0.050<	0.013	0.002	0.040	0.003 <
840815	1655	51325		7.9	6	26.5	26.000				0.020	
840912	1745	51331	0.1500	7.1	6	16.0	27.000	0.050<	0.018	0.002<	0.010	0.0030<
841017	1120	51337		7.5	6	8.5	30.000				0.010<	
841106	0830	51343	0.170	7.2	6	0.5	31.000	0.060	0.014	0.002<	0.010<	0.003 <
		MAXIMUM	0.400	7.9		26.5	39.000	0.060	0.018	0.002	0.040	0.004
		ARITH MEAN	0.232	7.3		11.9	27.250	0.060	0.015	0.002	0.023	0.004
		GEOM MEAN	0.215	7.3		6.5	26.279		0.015			
		MINIMUM	0.1500	7.1		0.5	14.000	0.060	0.013	0.002	0.010	0.004
		STD DEV (GEOM *)	0.114	0.3		9.7	7.246		0.002			
		# SAMP IN STATISTICS	4	8		8	8	1	4	2	3	1
		% SAMP (EXCLUDED)						75		50	40	75

#=INTERIM TEST-NAME:			PH	PPO4FR	PPUT	RSP	RST	TCHF	TCHFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840208	0915	51301	7.10	0.002	0.024	1.00	70.00	49000	11000	1.20	
840508	1245	51307	7.70	0.002	0.040	9.00	100.00	18000	51000	3.80	0.001
840613	1225	51313	7.30	0.005	0.028	7.00	55.00	8000Alb	48000	3.30	
840718	1120	51319	7.30	0.004	0.025	5.00	60.00	300C	48000	2.60	0.002
840815	1655	51325	7.40	0.005	0.027	2.00	75.00			1.60	
840912	1745	51331	7.20	0.006	0.033	2.00	95.00	1300	15000	2.50	0.0046
841017	1120	51337	7.00	0.015	0.079	25.00	170.00	26000		17.00	
841106	0830	51343	7.10	0.006	0.037	3.00	60.00			5.10	0.0017
		MAXIMUM	7.70	0.015	0.079	25.00	170.00	49000	51000	17.00	0.0046
		ARITH MEAN	7.26	0.006	0.037	6.75	85.62	17100	34600	4.64	0.002
		GEOM MEAN	7.26	0.005	0.034	4.19	80.01	6443	28675	3.29	0.002
		MINIMUM	7.00	0.002	0.024	1.00	55.00	300	11000	1.20	0.001
		STD DEV (GEOM *)	0.22	0.004	0.018	7.87	37.84	7*	2*	5.15	0.002
		# SAMP IN STATISTICS	8	8	8	8	8	6	5	8	4
		% SAMP (EXCLUDED)									

B.O.W./ SITE: CHUKUNI RIVER
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

STATION ID: 19-0001-015-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 01 28.80 LONG: 093 43 32.70 U T M: 15 0449100.0 5652600.0 4 REGION: 06 DISTANCE: 277.765

##INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN
840110	1245	51504	0.30	0103	3.000	27.0	0.0120	0.004	0.0010<	0.90	0.002<T	0.001<T
840306	1000	51511	0.30	0103	1.000	23.0	0.0067	0.001<	0.0040	0.50	0.001<T	0.001<T
840510	1000	51517	0.30	0103	2.000	24.0	0.0360			2.00	0.140	0.020
840612	1115	51523	0.30	0103	2.000	22.0	0.0280	0.001<	0.0160	0.60	0.001<W	0.001<W
840717	1255	51530	0.30	0101	3.000	23.0	0.0120	0.001<	0.0055	0.80	0.001<W	0.001<W
840814	1135	51537	0.30	0101	3.000	24.0	0.0450	0.001<	0.0210	0.80	0.002<T	0.001<W
840912	0945	51544	0.30	0101	2.000	25.0	0.0260	0.001<	0.0130	0.80	0.001<W	0.001<W
841016		51551	0.30	0101	2.000	13.0	0.0240	0.001<	0.0070	0.80	0.001<W	0.001<W
		MAXIMUM	0.30		3.000	27.0	0.0450	0.004	0.0210	2.00	0.140	0.020
		ARITH MEAN	0.30		2.250	22.6	0.0237	0.004	0.0111	0.90	0.019<A	0.003<A
		GEOM MEAN			2.135	22.2	0.0202			0.83	0.002<A	0.001<A
		MINIMUM	0.30		1.000	13.0	0.0067	0.004	0.0040	0.50	0.001	0.001
	STD DEV (GEOM #)				0.707	4.2	0.0130			0.46	0.049<A	0.007<A
	# SAMP IN STATISTICS		8		8	8	8	1	6	8	8	8
	% SAMP (EXCLUDED)							85	14			

##INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COND25	COUT	CUUT	DO	FCMF	FEUT	FMPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
840110	1245	51504	0.0010	0.200	37.000	67.0	0.0020<	0.0040	10.4	4<	0.0690	7.1
840306	1000	51511	0.0005	0.700	34.000	65.0	0.0020<	0.0060	12.1	4<	0.0360	6.9
840510	1000	51517	0.0005<	3.900	42.000	91.0	0.0030	0.0470	13.3	4<	0.1500	7.1
840612	1115	51523	0.0005<	2.000	38.000	75.0	0.0050	0.0210	10.8	4<	0.1200	7.1
840717	1255	51530	0.0005<	0.800	36.000	64.0	0.002 <	0.002	10.6	4<	0.096	7.4
840814	1135	51537	0.005 <	1.800	41.000	73.0	0.0020<	0.0060	7.8		0.130	7.6
840912	0945	51544	0.0005<	1.400	34.000	69.0	0.0020<	0.0047	9.4	4<	0.1100	7.2
841016		51551	0.0005<	1.800	36.000	73.0	0.0020<	0.0082	9.8	4<	0.180	7.4
		MAXIMUM	0.0010	3.900	42.000	91.0	0.0050	0.0470	13.3		0.180	7.6
		ARITH MEAN	0.0007	1.575	37.250	72.1	0.0040	0.012	10.5		0.111	7.2
		GEOM MEAN		1.188	37.149	71.7		0.008	10.4		0.101	7.2
		MINIMUM	0.0005	0.200	34.000	64.0	0.0030	0.002	7.8		0.0360	6.9
	STD DEV (GEOM #)			1.132	2.964	8.6		0.015	1.7		0.045	0.2
	# SAMP IN STATISTICS		2	8	8	8	2	8	8		8	8
	% SAMP (EXCLUDED)		75				75					

(C O N T D)

B.O.N./ SITE: CHUKUNI RIVER
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

STATION ID: 19-0001-015-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 01 28.80 LONG: 093 43 32.70 U T M: 15 0449100.0 5652600.0 4 REGION: 06 DISTANCE: 277.765

#=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
									NH3-N			K'DAHL N
SAMPLE				WATER	HARDNESS TOTAL	MERCURY UNF.TOT.	MANGANSE UNF.TOT.	NICKEL UNF.TOT.	TOTAL FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC	TOTAL UNF.REAC
DATE	HOUR	SAMPLE	STREAM	TEMP	MG/L	UG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	COND.	DEG.C	AS CACO3	AS HG	AS MN	AS NI	AS N	AS N	AS N	AS N
840110	1245	51504	4	1.0	28.000	0.050<	0.006	0.004	0.010	0.002	0.090	0.560
840306	1000	51511	4	1.0	28.000	0.050<	0.008	0.002 <	0.010	0.002	0.090	0.420
840510	1000	51517		5.5	33.000	0.050<	0.024	0.040	0.160	0.005	0.200	0.670
840612	1115	51523	6	13.5	32.000	0.050<	0.012	0.020	0.050	0.018	0.150	0.530
840717	1255	51530	6	22.5	31.000	0.050<	0.009	0.002	0.020	0.003	0.010	0.400
840814	1135	51537	6	24.0	31.000	0.050<	0.016	0.010	0.040	0.002	0.010<	0.430
840912	0945	51544	6	16.0	31.000	0.050<	0.010	0.002	0.010	0.001	0.010	0.440
841016		51551	6	11.0	28.000	0.050<	0.009	0.0035	0.020	0.002	0.020	0.420
		MAXIMUM		24.0	33.000		0.024	0.040	0.160	0.018	0.200	0.670
		ARITH MEAN		11.8	30.250		0.012	0.012	0.040	0.004	0.081	0.484
		GEOM MEAN		7.2	30.193		0.011		0.024	0.003		0.476
		MINIMUM		1.0	28.000		0.006	0.002	0.010	0.001	0.010	0.400
		STD DEV (GEOM *)		8.9	1.982		0.006		0.051	0.006		0.095
		# SAMP IN STATISTICS		8	8		8	7	8	8	7	8
		% SAMP (EXCLUDED)						12			12	

#=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TCHF	TCHFBK
			LEAD		PO4	PHOSPHOR			SILICATE	SULPHATE	COLIFORM TOTAL MF	COLIFORM TOTAL MF
SAMPLE			UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	UNF.REAC		
DATE	HOUR	SAMPLE	MG/L		MG/L	MG/L	PARTIC.	TOTAL	MG/L	MG/L	CNT	BCKGRD CNT
YYMMDD	LMT	NUMBER	AS PB	PH	AS P	AS P	MG/L	MG/L	AS SI	AS SO4	/100ML	/100ML
840110	1245	51504	0.003<	7.10	0.011	0.028	4.00	65.00	0.900	3.600	10<	10<
840306	1000	51511	0.003<	7.30	0.008	0.021	1.00	55.00	0.900	4.000	10<	10<
840510	1000	51517	0.003	7.70	0.003	0.030	4.00	85.00	0.300	9.400	10<	140
840612	1115	51523	0.003<	7.50	0.004	0.037	2.00	40.00	0.300	5.600	360	410
840717	1255	51530	0.003<	7.60	0.004	0.017	4.00	50.00	0.100	3.440	30C	2000
840814	1135	51537	0.003<	7.20	0.006	0.025	2.00	65.00	0.400	4.900		
840912	0945	51544	0.003<	7.60	0.002	0.024	1.00	75.00	0.600	3.990	60AID	1100
841016		51551	0.003<	7.50	0.007	0.028	4.00	65.00	0.300	4.470		
		MAXIMUM	0.003	7.70	0.011	0.037	4.00	85.00	0.900	9.400	360	2000
		ARITH MEAN	0.003	7.44	0.006	0.026	2.75	62.50	0.475	4.925	150	913
		GEOM MEAN		7.43	0.005	0.026	2.38	61.03	0.389	4.674		
		MINIMUM	0.003	7.10	0.002	0.017	1.00	40.00	0.100	3.440	30	140
		STD DEV (GEOM *)		0.21	0.003	0.006	1.39	14.14	0.296	1.941		
		# SAMP IN STATISTICS	1	8	8	8	8	8	8	8	3	4
		% SAMP (EXCLUDED)	87								50	33

(C O N T D)

B.O.W./ SITE: CHUKUNI RIVER STATION ID: 19-0001-015-02
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG'EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 51 01 28.80 LONG: 093 43 32.70 U T M: 15 0449100.0 5652600.0 4 REGION: 06 DISTANCE: 277.765

#=INTERIM TEST-NAME: TURB ZNUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840110	1245	51504	0.55	0.0050
840306	1000	51511	0.25	0.0040
840510	1000	51517	1.50	0.0080
840612	1115	51523	1.20	0.0050
840717	1255	51530	1.10	0.0020
840814	1135	51537	1.20	0.0010<
840912	0945	51544	1.80	0.0033
841016		51551	1.80	0.0027
		MAXIMUM	1.80	0.0080
		ARITH MEAN	1.17	0.0043
		GEOM MEAN	1.01	
		MINIMUM	0.25	0.0020
		STD DEV (GEOM #)	0.55	
		# SAMP IN STATISTICS	8	7
		% SAMP (EXCLUDED)		12

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: AT BALMER LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-016-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 03 38.23 LONG: 093 43 43.71 U T M: 15 0448925.0 5656600.0 4 REGION: 06 DISTANCE: 283.400

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
					ACIDITY	ALK	ARSENIC	ARSENITE	ARSENATE	BOD 5 DAY	CYANIDE AVAIL	CYANIDE FREE
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	UNF.REAC MG/L AS AS	UNF.REAC MG/L AS AS	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS HCN	UNF.REAC MG/L AS HCN
840110	0935	51502	0.30	0103	6.000	79.0	0.6500	0.439	0.001<	0.30	0.400	0.020
840306	1115	51509	0.30	0103	7.000	78.0	0.5000	0.001<	0.468	1.70	0.320	0.006
840510	1200	51515	0.30	0103	5.000	66.0	0.5000	0.005	0.337	4.50	1.900	0.310
840612	1255	51521	0.30	0103	4.000	56.0	0.5200	0.001<	0.482	5.40	0.004<T	0.004<T
840717	1450	51528	0.30	0101	8.000	54.0	0.5000	0.001<	0.606	2.40	0.121	0.005
840814	0945	51535	0.30	0101	7.000	114.0	0.6100	0.001<	0.568	1.10	0.080	0.010
840912	0740	51542	0.30	0101	5.000	63.0	0.6200	0.001<	0.430	1.50	0.020	0.009
841016	1015	51549	0.30	0101	6.000	117.0	0.5000			1.40		
		MAXIMUM	0.30		8.000	117.0	0.6500	0.439	0.606	5.40	1.900	0.310
		ARITH MEAN	0.30		6.000	78.4	0.5500	0.222	0.482	2.29	0.406<A	0.052<A
		GEOM MEAN			5.871	75.3	0.5468			1.70	0.109<A	0.013<A
		MINIMUM	0.30		4.000	54.0	0.5000	0.005	0.337	0.30	0.004	0.004
	STD DEV (GEOM *)				1.309	24.6	0.0648			1.76	0.675<A	0.114<A
	# SAMP IN STATISTICS		8		8	8	8	2	6	8	7	7
	% SAMP (EXCLUDED)							71	14			

*=INTERIM TEST-NAME:			CDUT	CLIDUR	COLTR	COND25	COUT	CUUT	DO	FCNF	FEUT	FMPH
			CADMIUM	CHLORIDE		CONDUCT.	COBALT	COPPER	DISOLVED	FECAL COLIFORM	IRON	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS CD	UNF.REAC MG/L AS CL-	COLOUR TRUE HZU	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CO	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	MF CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD
840110	0935	51502	0.0005<	43.000	108.000	565.0	0.1000	0.5800	10.2	4<	0.8800	7.2
840306	1115	51509	0.0005<	46.000	107.000	605.0	0.1200	0.5900	8.6	4<	0.9400	7.0
840510	1200	51515	0.0005<	43.000		484.0	0.0850	1.2000	10.8	4<	1.2000	7.8
840612	1255	51521	0.0005<	35.000		415.0	0.0780	0.7200	9.2	4<	0.9600	7.2
840717	1450	51528	0.0005<	34.000	136.000	393.0	0.0500	0.2600	8.4	28	0.7500	7.4
840814	0945	51535	0.005 <	32.000	142.000	394.0	0.0560	0.2600	5.1		0.400	7.6
840912	0740	51542	0.0005<	33.000	119.000	402.0	0.0570	0.2100	7.6	8	0.0440	7.1
841016	1015	51549	0.0006	33.000	117.000	414.0	0.0550	0.2200	8.6		0.6900	7.4
		MAXIMUM	0.0006	46.000	142.000	605.0	0.1200	1.2000	10.8	28	1.2000	7.8
		ARITH MEAN	0.0006	37.375	121.500	459.0	0.0751	0.5050	8.6	18	0.733	7.3
		GEOM MEAN		37.019	120.796	452.9	0.0717	0.4175	8.4		0.552	7.3
		MINIMUM	0.0006	32.000	107.000	393.0	0.0500	0.2100	5.1	8	0.0440	7.0
	STD DEV (GEOM *)			5.630	14.488	83.6	0.0253	0.3444	1.7		0.363	0.3
	# SAMP IN STATISTICS		1	8	6	8	8	8	8	2	8	8
	% SAMP (EXCLUDED)		87							66		

(C O N T D)

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: AT BALMER LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-016-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 51 03 38.23 LONG: 093 43 43.71 U T M: 15 0448925.0 5656600.0 4 REGION: 06 DISTANCE: 283.400

#=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840110	0935	51502	4	0.5	138.000	0.080	0.180	1.000	2.200	0.045	5.600	3.800
840306	1115	51509	4	1.0	168.000	0.120	0.220	1.000	2.400	0.035	6.000	4.200
840510	1200	51515		7.5	120.000	0.090	0.200	1.000	3.100	0.044	3.100	5.500
840612	1255	51521	9	17.5	122.000	0.050<	0.180	0.730	2.800	0.067	2.600	4.500
840717	1450	51528	6	21.0	140.000	0.090	0.170	0.330	0.030	0.210	3.000	1.500
840814	0945	51535	6 0 0	22.5	121.000	0.090	0.160	0.430	0.900	0.053	2.700	2.100
840912	0740	51542		13.5	128.000	0.220	0.120	0.380	0.160	0.081	3.000	1.300
841016	1015	51549	6	10.5	127.000	0.410	0.140	0.360	0.120	0.044	3.600	1.300
		MAXIMUM		22.5	168.000	0.410	0.220	1.000	3.100	0.210	6.000	5.500
		ARITH MEAN		11.7	133.000	0.157	0.171	0.654	1.464	0.072	3.700	3.025
		GEOM MEAN		6.8	132.231		0.169	0.587	0.627	0.061	3.522	2.602
		MINIMUM		0.5	120.000	0.080	0.120	0.330	0.030	0.035	2.600	1.300
		STD DEV (GEOM #)		8.4	16.009		0.032	0.312	1.296	0.058	1.334	1.665
		# SAMP IN STATISTICS		8	8	7	8	8	8	8	8	8
		% SAMP (EXCLUDED)				12						

#=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TCMF	TCMFBK
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	SULPHATE UNF.REAC MG/L AS SO4	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML
840110	0935	51502	0.003<	7.30	0.022	0.300	6.00	380.00	4.000	101.000	10AID	80AID
840306	1115	51509	0.006	7.30	0.020	0.130	8.00	400.00	4.400	126.000	10<	10AID
840510	1200	51515	0.003	7.70	0.034	0.100	15.00	340.00	3.200	88.000	10<	40AID
840612	1255	51521	0.003<	7.70	0.014	0.086	7.00	280.00	3.100	75.000	80<	280
840717	1450	51528	0.009	7.10	0.025	0.075	7.00	280.00	2.700	63.600	2600C	30000
840814	0945	51535	0.003<	7.10	0.019	0.064	3.00	320.00	3.200	64.000		
840912	0740	51542	0.013	7.30	0.014	0.043	2.00	300.00	3.300	71.000	2900	20000
841016	1015	51549	0.014	7.30	0.024	0.052	5.00	320.00	3.200	75.000		
		MAXIMUM	0.014	7.70	0.034	0.300	15.00	400.00	4.400	126.000	2900	30000
		ARITH MEAN	0.009	7.35	0.021	0.106	6.62	327.50	3.387	82.950	1837	8402
		GEOM MEAN		7.35	0.021	0.068	5.66	325.00	3.352	80.821		419
		MINIMUM	0.003	7.10	0.014	0.043	2.00	280.00	2.700	63.600	10	10
		STD DEV (GEOM #)		0.23	0.007	0.083	3.96	44.00	0.544	21.405		28#
		# SAMP IN STATISTICS	5	8	8	8	8	8	8	8	3	6
		% SAMP (EXCLUDED)	37								50	

(C O N T D)

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: AT BALMER LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-016-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 51 03 38.23 LONG: 093 43 43.71 U T M: 15 0448925.0 5656600.0 4 REGION: 06 DISTANCE: 283.400

H=INTERIM TEST-NAME: TURB ZNUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840110	0935	51502	9.60	0.1700
840306	1115	51509	9.20	0.1500
840510	1200	51515	13.00	0.1800
840612	1255	51521	7.10	0.1000
840717	1450	51528	6.00	0.0340
840814	0945	51535	1.80	0.0390
840912	0740	51542	3.80	0.0490
841016	1015	51549	5.60	0.0059
		MAXIMUM	13.00	0.1800
		ARITH MEAN	7.01	0.0910
		GEOM MEAN	6.06	0.0603
		MINIMUM	1.80	0.0059
		STD DEV (GEOM M)	3.54	0.0683
		# SAMP IN STATISTICS	8	8
		% SAMP (EXCLUDED)		

B.O.W./ SITE: SNIB LAKE CREEK
SAMPLE POINT: AT SNIB LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-017-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 51 00 12.74 LONG: 093 51 28.67 U T M: 15 0439000.0 5650350.0 4 REGION: 06 DISTANCE: 299.008

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN
840110	0815	51505	0.30	0103	3.000	31.0	0.1000			0.70	0.001<W	0.001<W
840306	0820	51512	0.30	0103	2.000	27.0	0.0880	0.001 <	0.034	0.40	0.001<W	0.001<W
840510	1100	51518	0.30	0103	3.000	23.0	0.0720	0.001 <	0.014	1.40	0.001<W	0.001<W
840612	1220	51524	0.30	0103	4.000	21.0	0.0510			0.80	0.001<W	0.001<W
840717	1415	51531	0.30	0101	2.000	21.0	0.0760	0.0010<	0.0640	1.00	0.001<W	0.001<W
840814	0915	51538	0.30	0101	4.000	22.0	0.078	0.0010<	0.0490	0.70	0.001<W	0.001<W
840911	0710	51545	0.30	0101	6.000	28.0	0.0930	0.001 <	0.028	1.10	0.012	0.004<T
		MAXIMUM	0.30		6.000	31.0	0.1000		0.0640	1.40	0.012	0.004
		ARITH MEAN	0.30		3.429	24.7	0.080		0.038	0.87	0.003<A	0.001<A
		GEOM MEAN			3.203	24.5	0.078		0.033	0.82	0.001<A	0.001<A
		MINIMUM	0.30		2.000	21.0	0.0510		0.014	0.40	0.001	0.001
		STD DEV (GEOM *)			1.397	3.9	0.016		0.019	0.33	0.004<A	0.001<A
		# SAMP IN STATISTICS	7		7	7	7		5	7	7	7
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COND25	COUT	CRUT	CUUT	DO	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	PH FIELD
840110	0815	51505	0.0005<	7.300	72.000	128.0	0.0020<		0.0180	13.2	0.0810	6.9
840306	0820	51512	0.0005<	7.500	60.000	129.0	0.0020<		0.0210	12.2	0.1400	6.8
840510	1100	51518	0.0005<	7.300	79.000	112.0	0.0030<		0.0140	12.4	0.1500	7.3
840612	1220	51524	0.0005<	7.200	87.000	112.0	0.0020<		0.0130	9.8	0.1400	6.9
840717	1415	51531	0.0005<	6.200	100.000	108.0	0.0020<	0.0020<	0.0120		0.1400	6.9
840814	0915	51538	0.005 <	6.200	92.000	109.0	0.0020	0.0020<	0.0120	7.4	0.1400	7.3
840911	0710	51545	0.0005<	6.300	89.000	117.0	0.0020<	0.0020<	0.0130	8.4	0.4200	7.0
		MAXIMUM		7.500	100.000	129.0	0.0020		0.0210	13.2	0.4200	7.3
		ARITH MEAN		6.857	83.857	116.4	0.0020		0.0147	10.6	0.1730	7.0
		GEOM MEAN		6.835	83.181	116.2			0.0144	10.3	0.1530	7.0
		MINIMUM		6.200	68.000	108.0	0.0020		0.0120	7.4	0.0810	6.8
		STD DEV (GEOM *)		0.591	11.393	6.7			0.0035	2.4	0.1113	0.2
		# SAMP IN STATISTICS		7	7	7	1		7	6	7	7
		% SAMP (EXCLUDED)					85					

(C O N T D)

B.O.W./ SITE: SNIB LAKE CREEK
SAMPLE POINT: AT SNIB LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-017-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 51 00 12.74 LONG: 093 51 28.67 U T M: 15 0439800.0 5650350.0 4 REGION: 06 DISTANCE: 299.008

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
					HARDNESS	MERCURY	MANGANSE	NICKEL	NH3-N			K'DAHL N
SAMPLE				WATER	TOTAL	UNF.TOT.	UNF.TOT.	UNF.TOT.	TOTAL	NO2-N	NO3-N	TOTAL
DATE	HOUR	SAMPLE	STREAM	TEMP	MG/L	UG/L	MG/L	MG/L	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC
YYMMDD	LMT	NUMBER	COND.	DEG.C	AS CACO3	AS HG	AS MN	AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N
840110	0815	51505	4	0.5	45.000	0.050<	0.008	0.010	0 050	0.005	0.010	0.720
840306	0820	51512	4	1.0	48.000	0.050<	0.013	0.009	0.010<	0.002	0.070	0.530
840510	1100	51518		5.0	40.000	0.050<	0.027	0.005	0.010	0.001	0.010<	0.590
840612	1220	51524	6	17.0	42.000	0.050<	0.020	0.005	0.010<	0.001	0.010<	0.590
840717	1415	51531	6	21.0	46.000		0.027	0.005	0.010	0.004	0.010<	0.590
840814	0915	51538	6	24.0	41.000	0.05	0.025	0.006	0.050	0.003	0.010<	0.600
840911	0710	51545	6	16.5	47.000	0.080<	0.042	0.004	0.020	0.004	0.010<	0.660
		MAXIMUM		24.0	48.000	0.05	0.042	0.010	0.050	0.005	0.070	0.720
		ARITH MEAN		12.1	44.143	0.05	0.023	0.006	0.028	0.003	0.040	0.611
		GEOM MEAN		6.2	44.047		0.021	0.006		0.002		0.609
		MINIMUM		0.5	40.000	0.05	0.008	0.004	0.010	0.001	0.010	0.530
		STD DEV (GEOM *)		9.8	3.132		0.011	0.002		0.002		0.061
		# SAMP IN STATISTICS		7	7	1	7	7	5	7	2	7
		% SAMP (EXCLUDED)				83			28		71	

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TURB	ZNUT
			LEAD		PO4	PHOSPHOR			SILICATE	SULPHATE		ZINC
SAMPLE			UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	UNF.REAC		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L		MG/L	MG/L	PARTIC.	TOTAL	MG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS PB	PH	AS P	AS P	MG/L	MG/L	AS SI	AS SO4	FTU	AS ZN
840110	0815	51505	0.003 <	7.10	0.018	0.036	1.00	85.00	0.200	17.000	0.40	0.0060
840306	0820	51512	0.003 <	7.10	0.015	0.030	1.00	95.00	2.100	17.000	0.30	0.0050
840510	1100	51518	0.003 <	7.50	0.004	0.030	2.00	100.00	1.600	14.000	0.85	0.0060
840612	1220	51524	0.003 <	7.30	0.003	0.032	2.00	75.00	0.800	15.000	1.00	0.0050
840717	1415	51531	0.0030<	7.30	0.003	0.023	1.00	90.00		14.500	0.75	0.0040
840814	0915	51538	0.003 <	7.10	0.007	0.024	1.00	110.00		14.300	0.60	0.0010
840911	0710	51545	0.003 <	6.90	0.006	0.047	7.00	110.00		13.400	4.80	0.0530
		MAXIMUM		7.50	0.018	0.047	7.00	110.00	2.100	17.000	4.80	0.0530
		ARITH MEAN		7.19	0.008	0.032	2.14	95.00	1.175	15.029	1.24	0.0114
		GEOM MEAN		7.18	6 006	0.031	1.61	94.23	0.856	14.972	0.81	0.0057
		MINIMUM		6.90	0.003	0.023	1.00	75.00	0.200	13.400	0.30	0.0010
		STD DEV (GEOM *)		0.20	0.006	0.008	2.19	12.91	0.842	1.431	1.59	0.0184
		# SAMP IN STATISTICS		7	7	7	7	7	4	7	7	7
		% SAMP (EXCLUDED)										

B.O.W./ SITE: RED LAKE
SAMPLE POINT: IN BRUCE CHANNEL NEAR FERRY CROSSING
STATION TYPE: RIVER

STATION ID: 19-0001-018-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERN STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 04 03.41 LONG: 093 49 34.76 U T M: 15 0442100.0 5657450.0 4 REGION: 06 DISTANCE: 288.030

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
					ACIDITY	ALK				BOD	CYANIDE	CYANIDE
SAMPLE			SAMPLE	PROJECT	TOTAL	TOTAL	ARSENIC	ARSENITE	ARSENATE	5 DAY	AVAIL	FREE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UNF.TOT.	UNF.REAC	UNF.REAC	TOT.DEM.	UNF.REAC	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS CACO3	MG/L AS AS	MG/L AS AS	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN
840110	0915	51501	0.30	0103	2.000	28.0	0.0067	0.002	0.001<	1.80	0.001<T	0.001<W
840305	1805	51508	0.30	0103	1.000	24.0	0.0048	0.001<	0.003<	0.70	0.001<W	0.001<W
840510	0920	51514	0.30	0103	4.000	22.0	0.0063	0.001<	0.002	1.20	0.004<T	0.004<T
840612	0920	51520	0.30	0103	2.000	21.0	0.0029	0.001<	0.003	0.30	0.001<W	0.001<W
840717	1225	51527	0.30	0101	2.000	22.0	0.0052	0.001<	0.043	0.70	0.001<W	0.001<W
840814	1210	51534	0.30	0101	3.000	21.0	0.0077	0.001<	0.004	0.60	0.001<T	0.001<W
840912	0815	51541	0.30	0101	2.000	24.0	0.0160	0.001<	0.005	0.70	0.001<W	0.001<W
841016		51548	0.30	0101	2.000	23.0	0.014	0.001<	0.003	0.50	0.001<W	0.001<W
		MAXIMUM	0.30		4.000	28.0	0.0160	0.002	0.043	1.80	0.004	0.004
		ARITH MEAN	0.30		2.250	23.1	0.008	0.002	0.010	0.81	0.001<A	0.001<A
		GEOM MEAN			2.104	23.0	0.007			0.71	0.001<A	0.001<A
		MINIMUM	0.30		1.000	21.0	0.0029	0.002	0.002	0.30	0.001	0.001
		STD DEV (GEOM *)			0.886	2.3	0.005			0.47	0.001<A	0.001<A
		# SAMP IN STATISTICS	8		8	8		1	6	8	8	8
		% SAMP (EXCLUDED)						87	25			

#=INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COND25	COUT	CUUT	DO	FCHF	FEUT	FWPH
			CADMIUM	CHLORIDE		CONDUCT.	COBALT	COPPER	DISOLVED	FECAL COLIFORM	IRON	
SAMPLE			UNF.TOT.	UNF.REAC	COLOUR	25C	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.	
DATE	HOUR	SAMPLE	MG/L	MG/L	APPARENT	UMHO/CM	MG/L	MG/L	MG/L	CNT	MG/L	PH
YYMMDD	LMT	NUMBER	AS CD	AS CL-	HZU	AT 25 C	AS CO	AS CU	AS O	/100ML	AS FE	FIELD
840110	0915	51501	0.0005<	0.800	46.000	69.0	0.0020<	0.0030	12.8	4<	0.0540	7.1
840305	1805	51508	0.0005<	0.700	45.000	68.0	0.0020<	0.0020	13.4	4<	0.0690	7.0
840510	0920	51514	0.0005<	0.800	43.000	60.0	0.0020<	0.0010	13.6	4<	0.1100	7.2
840612	0920	51520	0.0005<	0.600	32.000	60.0	0.0020<	0.0020	11.0	4<	0.0430	7.2
840717	1225	51527	0.0005<	0.600	38.000	60.0	0.0020<	0.0010	9.1	4<	0.0800	7.4
840814	1210	51534	0.005 <	0.600	35.000	60.0	0.0020<	0.0010	8.4		0.058	7.6
840912	0815	51541	0.0005<	0.800	39.000	61.0	0.0020<	0.0012	8.4	4<	0.0760	7.4
841016		51548	0.0005<	0.700	38.000	62.0	0.0020<	0.0017	10.2	4<	0.130	7.7
		MAXIMUM		0.800	46.000	69.0		0.0030	13.6		0.130	7.7
		ARITH MEAN		0.700	39.500	62.5		0.0016	10.9		0.077	7.3
		GEOM MEAN		0.695	39.234	62.4		0.0015	10.7		0.073	7.3
		MINIMUM		0.600	32.000	60.0		0.0010	8.4		0.0430	7.0
		STD DEV (GEOM *)		0.093	4.870	3.8		0.0007	2.2		0.029	0.2
		# SAMP IN STATISTICS		8	8	8		8	8		8	8
		% SAMP (EXCLUDED)										

(CONTD)

B.O.M./ SITE: RED LAKE
SAMPLE POINT: IN BRUCE CHANNEL NEAR FERRY CROSSING
STATION TYPE: RIVER

STATION ID: 19-0001-018-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 04 03.41 LONG: 093 49 34.76 U T M: 15 0442100.0 5657450.0 4 REGION: 06 DISTANCE: 288.030

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
									NH3-N			K'DAHL N
SAMPLE					HARDNESS	MERCURY	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N	TOTAL
DATE	HOUR	SAMPLE	STREAM	WATER	TOTAL	UNF.TOT.	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC
YYMMDD	LMT	NUMBER	COND.	TEMP DEG.C	MG/L AS CACO3	UG/L AS HG	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N
840110	0915	51501	4	0.5	29.000	0.050<	0.003	0.002<	0.020	0.002	0.100	0.760
840305	1805	51508	4	1.0	30.000	0.050<	0.002	0.002<	0.010	0.002	0.090	0.430
840510	0920	51514		5.0	24.000	0.050<	0.009	0.002	0.010	0.001	0.010<	0.390
840612	0920	51520	6	11.0	27.000	0.050<	0.005	0.003	0.010	0.001	0.010<	0.340
840717	1225	51527	6	20.0	29.000	0.050<	0.006	0.002<	0.010	0.002	0.010<	0.350
840814	1210	51534	6 0 0	24.0	28.000	0.050<	0.0035	0.002	0.020	0.002	0.010<	0.400
840912	0815	51541	6	17.0	27.000	0.050<	0.013	0.002<	0.010<	0.001	0.010<	0.400
841016		51548	6	10.0	24.000	0.050<	0.014	0.002<	0.020	0.002	0.01	0.370
		MAXIMUM		24.0	30.000		0.014	0.003	0.020	0.002	0.100	0.760
		ARITH MEAN		11.1	27.250		0.007	0.002	0.014	0.002	0.07	0.430
		GEOM MEAN		6.2	27.166		0.006			0.002		0.416
		MINIMUM		0.5	24.000		0.002	0.002	0.010	0.001	0.01	0.340
	STD DEV (GEOM *)			8.7	2.252		0.005			0.001		0.136
# SAMP IN STATISTICS				8	8		8	3	7	8	3	8
% SAMP (EXCLUDED)								62	12		62	

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TCMF	TCMFBK
											COLIFORM	COLIFORM
			LEAD		PO4	PHOSPHOR			SILICATE	SULPHATE	TOTAL	TOTAL MF
SAMPLE			UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	UNF.REAC	MF	BCKGRD
DATE	HOUR	SAMPLE	MG/L		MG/L	MG/L	PARTIC.	TOTAL	MG/L	MG/L	CNT	CNT
YYMMDD	LMT	NUMBER	AS PB	PH	AS P	AS P	MG/L	MG/L	AS SI	AS SO4	/100ML	/100ML
840110	0915	51501	0.003 <	7.20	0.012	0.023	1.00	50.00	1.200	3.300	10<	10<
840305	1805	51508	0.003 <	7.30	0.006	0.018	1.00	50.00	1.200	4.000	10<	10<
840510	0920	51514	0.003	7.30	0.002	0.032	3.00	55.00	0.600	3.100	10AID	16AID
840612	0920	51520	0.003 <	7.50	0.004	0.014	1.00	30.00	0.200	3.000	10<	30AID
840717	1225	51527	0.003 <	7.50	0.003	0.010	1.00	60.00	0.200	2.960	50AID	240
840814	1210	51534	0.003 <	7.10	0.002	0.013	1.00	65.00	0.300	3.060		
840912	0815	51541	0.003 <	7.50	0.001	0.020	1.00	55.00	0.600	3.130	20AID	600
841016		51548	0.0030<	7.50	0.006	0.024	2.00	45.00	0.600	3.200		
		MAXIMUM	0.003	7.60	0.012	0.032	3.00	65.00	1.200	4.000	50	600
		ARITH MEAN	0.003	7.40	0.004	0.019	1.37	51.25	0.612	3.219	27	222
		GEOM MEAN		7.40	0.003	0.018	1.25	50.12	0.497	3.205		
		MINIMUM	0.003	7.10	0.001	0.010	1.00	30.00	0.200	2.960	10	16
	STD DEV (GEOM *)			0.18	0.004	0.007	0.74	10.61	0.402	0.334		
# SAMP IN STATISTICS			1	8	8	8	8	8	8	8	3	4
% SAMP (EXCLUDED)			87								50	33

(C O N T D)

B.O.W./ SITE: RED LAKE
SAMPLE POINT: IN BRUCE CHANNEL NEAR FERRY CROSSING
STATION TYPE: RIVER

STATION ID: 19-0001-018-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 51 04 03.41 LONG: 093 49 34.76 U T M: 15 0442100.0 5657450.0 4 REGION: 06 DISTANCE: 288.030

*=INTERIM TEST-NAME: TURB ZNUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840110	0915	51501	0.55	0.0050
840305	1805	51508	0.30	0.0030
840510	0920	51514	0.85	0.0010<
840612	0920	51520	0.55	0.0020
840717	1225	51527	0.70	0.0020
840814	1210	51534	0.60	0.0010<
840912	0815	51541	1.20	0.0012
841016		51548	1.20	0.0012
		MAXIMUM	1.20	0.0050
		ARITH MEAN	0.74	0.0024
		GEOM MEAN	0.68	
		MINIMUM	0.30	0.0012
		STD DEV (GEOM *)	0.32	
		# SAMP IN STATISTICS	8	6
		% SAMP (EXCLUDED)		25

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
STATION TYPE: RIVER

STATION ID: 19-0001-032-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 51 01 48.00 LONG: 093 44 08.94 U T M: 15 0448400.0 5653200.0 4 REGION: 06 DISTANCE: 278.731

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN
840110	1230	51503	0.30	0103	12.000	74.0	0.4200	0.302	0.001<	1.70	0.350	0.100
840306	1030	51510	0.30	0103	8.000	66.0	0.4200	0.001<	0.433	3.50	5.100	3.300
840510	1005	51516	0.30	0103	4.000	62.0	0.5100	0.002	0.398	3.80	1.500	0.170
840612	1125	51522	0.30	0103	7.000	52.0	0.5400	0.001<	0.489	4.40	0.001<W	0.001<W
840717	1305	51529	0.30	0101	4.000	49.0	0.4100	0.001<	0.462	3.90	0.001<W	0.001<W
840814	1145	51536	0.30	0101	10.000	130.0	0.6100	0.001<	0.531	0.80	0.090	0.020
840912	0950	51543	0.30	0101	8.000	86.0	0.4800	0.001<	0.338	0.90	0.015	0.009
841016		51550	0.30	0101	6.000	128.0	0.4400	0.001<	0.375	1.90	0.100	0.005
		MAXIMUM	0.30		12.000	130.0	0.6100	0.302	0.531	4.40	5.100	3.300
		ARITH MEAN	0.30		7.375	80.9	0.4787	0.152	0.432	2.61	0.895<A	0.451<A
		GEOM MEAN			6.904	75.9	0.4744			2.19	0.066<A	0.022<A
		MINIMUM	0.30		4.000	49.0	0.4100	0.002	0.338	0.80	0.001	0.001
		STD DEV (GEOM #)			2.774	31.9	0.0708			1.44	1.773<A	1.153<A
		# SAMP IN STATISTICS	8		8	8	8	2	7	8	8	8
		% SAMP (EXCLUDED)						75	12			

#=INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COLTR	COND25	COUT	CUUT	DO	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840110	1230	51503	0.0040	108.000		88.000	825.0	0.6000	0.3600	9.2	48	1.2000
840306	1030	51510	0.0015	130.000	61.000		815.0	0.0570	0.8300	11.5	136	1.3000
840510	1005	51516	0.0005<	40.000			458.0	0.0690	0.8400	10.0	4<	1.4000
840612	1125	51522	0.0005<	33.000			407.0	0.0660	0.4300	5.4	4	0.8700
840717	1305	51529	0.0005<	30.000		139.000	371.0	0.0630<	0.4000	7.7	4<	0.360
840814	1145	51536	0.005 <	45.000		128.000	450.0	0.0370	0.1300	4.5		0.640
840912	0950	51543	0.0005<	15.000	81.000		630.0	0.0220	0.0910	6.4	4<	0.2400
841016		51550	0.0007	76.000		100.000	580.0	0.0430	0.1500	8.8	72	0.630
		MAXIMUM	0.0040	130.000	81.000	139.000	825.0	0.6000	0.8400	11.5	136	1.4000
		ARITH MEAN	0.0021	59.625	71.000	113.750	567.0	0.1277	0.4039	7.9	65	0.830
		GEOM MEAN		48.073	70.292	111.860	543.8		0.3059	7.6		0.712
		MINIMUM	0.0007	15.000	61.000	88.000	371.0	0.0220	0.0910	4.5	4	0.2400
		STD DEV (GEOM #)		40.949	14.142	23.754	178.0		0.2956	2.4		0.436
		# SAMP IN STATISTICS	3	8	2	4	8	7	8	8	4	8
		% SAMP (EXCLUDED)	62					12			42	

(C O N T D)

B.O.W./ SITE: BALMER CREEK STATION ID: 19-0001-032-02
SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 51 01 48.00 LONG: 093 44 08.94 U T M: 15 0448400.0 5653200.0 4 REGION: 06 DISTANCE: 278.731

#=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N
840110	1230	51503	6.9	4	1.0	250.000	0.150	0.260	0.520	2.200	0.200	7.500
840306	1030	51510	7.1	4	1.0	228.000	0.110	0.160	0.620	3.500	0.200	7.900
840510	1005	51516	7.3		9.5	125.000	0.090	0.220	0.730	2.600	0.052	2.800
840612	1125	51522	7.1	7	16.5	126.000	0.050<	0.150	0.500	1.400	0.089	3.800
840717	1305	51529	7.1	7	20.5	128.000	0.050<	0.160	0.470	1.400	0.014	2.800
840814	1145	51536	7.0	7	23.5	148.000	0.050	0.160	0.260	0.090	0.052	2.700
840912	0950	51543	7.1	7	13.5	217.000	0.050<	0.085	0.220	0.030	0.069	3.000
841016		51550	7.4	7	11.0	172.000	0.110	0.170	0.260	0.070	0.075	4.400
		MAXIMUM	7.4		23.5	250.000	0.150	0.260	0.730	3.500	0.200	7.900
		ARITH MEAN	7.1		12.1	174.250	0.102	0.171	0.447	1.411	0.094	4.362
		GEOM MEAN	7.1		7.6	168.007		0.163	0.412	0.542	0.072	3.980
		MINIMUM	6.9		1.0	125.000	0.050	0.085	0.220	0.030	0.014	2.700
		STD DEV (GEOM #)	0.2		6.2	50.768		0.051	0.185	1.301	0.069	2.144
		# SAMP IN STATISTICS	8		8	8	5	8	8	8	8	8
		% SAMP (EXCLUDED)					37					

#=INTERIM TEST-NAME:			NNTKUR K'DAHL N TOTAL UNF.REAC	PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TCMF COLIFORM TOTAL MF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	SULPHATE UNF.REAC MG/L AS SO4	CNT /100ML
840110	1230	51503	4.700	0.021	6.90	0.370	0.580	9.00	560.00	3.500	120.000	450
840306	1030	51510	6.400	0.015	7.20	0.550	0.770	8.00	510.00	3.400	98.000	510
840510	1005	51516	4.600	0.008	7.50	0.074	0.150	40.00	370.00	3.200	90.000	10<
840612	1125	51522	3.000	0.005	7.10	0.014	0.098	6.00	280.00	2.800	74.000	1500>
840717	1305	51529	2.600	0.003<	7.50	0.015	0.050	10.00	270.00	2.800	64.600	4400C
840814	1145	51536	1.300	0.009	6.90	0.090	0.150	2.00	350.00	2.100	66.000	
840912	0950	51543	0.970	0.007	7.40	0.082	0.120	1.00	440.00	0.700	96.000	1400
841016		51550	1.500	0.016	7.40	0.140	0.270	6.00	390.00	2.100	88.000	
		MAXIMUM	6.400	0.021	7.50	0.550	0.770	40.00	560.00	3.500	120.000	4400
		ARITH MEAN	3.384	0.012	7.24	0.167	0.273	10.25	396.25	2.575	87.075	1690
		GEOM MEAN	2.682		7.23	0.087	0.189	6.16	384.71	2.347	85.369	
		MINIMUM	0.970	0.005	6.90	0.014	0.050	1.00	270.00	0.700	64.600	450
		STD DEV (GEOM #)	2.474		0.25	0.192	0.261	12.43	102.81	0.925	18.565	
		# SAMP IN STATISTICS	8	7	8	8	8	8	8	8	8	4
		% SAMP (EXCLUDED)		12								33

(C O N T D)

1984 WATER QUALITY DATA REGION 6

STATION ID: 19-0001-032-02

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 01 48.00 LONG: 093 44 08.94 U T M: 15 0448400.0 5653200.0 4 REGION: 06 DISTANCE: 278.731

*=INTERIM TEST-NAME:			TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840110	1230	51503	390	15.00	0.1300
840306	1030	51510	410	9.60	0.2800
840510	1005	51516	10<	20.00	0.1400
840612	1125	51522	6000	5.90	0.0750
840717	1305	51529	30000	3.30	0.0480
840814	1145	51536		2.30	0.0200
840912	0950	51543	10000	1.20	0.0230
841016		51550		4.70	0.0060
	MAXIMUM		30000	20.00	0.2800
	ARITH MEAN		9360	7.75	0.0902
	GEOM MEAN			5.40	0.0516
	MINIMUM		390	1.20	0.0060
	STD DEV (GEOM *)			6.67	0.0915
# SAMP IN STATISTICS			5	8	8
% SAMP (EXCLUDED)			16		

B.O.W./ SITE: HONEY BAY
SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
STATION TYPE: LAKE

STATION ID: 19-0001-033-01
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER
STORET CODE: 05 001 1890

LAT: 51 01 20.96 LONG: 093 49 02.36 U T M: 15 0442675.0 5652425.0 4 REGION: 06 DISTANCE: 285.651

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ACIDITY TOTAL MG/L AS CACO3	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	ARSENITE UNF.REAC MG/L AS AS	ARSENATE UNF.REAC MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CYANIDE AVAIL UNF.REAC MG/L AS HCN	CYANIDE FREE UNF.REAC MG/L AS HCN
840110	0900	51500	0.30	0103	3.000	27.0	0.0085	0.004	0.001 <	5.00	0.001<T	0.001<W
840305	1745	51507	0.30	0103	1.000	25.0	0.0059			0.60	0.001<W	0.001<W
840510	1025	51513	0.30	0103	4.000	22.0	0.0055	0.001 <	0.002	1.40	0.001<W	0.001<W
840612	1155	51519	0.30	0103	2.000	21.0	0.0057	0.001 <	0.003	0.30	0.001<W	0.001<W
840717		51526	0.30	0101	2.000	22.0	0.0026	0.001 <	0.041	0.90	0.001<W	0.001<W
840814	1115	51533	0.30	0101	3.000	22.0	0.0067	0.0010<	0.0040	0.50	0.001<T	0.001<W
840912	0920	51540	0.30	0101	2.000	24.0	0.011	0.001 <	0.003	0.50	0.001<W	0.001<W
841016		51547	0.30	0101	2.000	23.0	0.0080<	0.001 <	0.002	0.5	0.001<W	0.001<W
		MAXIMUM	0.30		4.000	27.0	0.011	0.004	0.041	5.00	0.001	0.001
		ARITH MEAN	0.30		2.375	23.2	0.007	0.004	0.009	1.2	0.001<A	0.001<A
		GEOM MEAN			2.213	23.2				0.8	0.001<A	0.001<A
		MINIMUM	0.30		1.000	21.0	0.0026	0.004	0.002	0.30	0.001	0.001
		STD DEV (GEOM #)			0.916	2.0				1.6	0.000<A	0.000<A
		# SAMP IN STATISTICS	8		8	8	7	1	6	8	8	8
		% SAMP (EXCLUDED)					12	85	14			

#=INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COND25	COUT	CUUT	DO	FCMF	FEUT	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	COBALT UNF.TOT. MG/L AS CO	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD
840110	0900	51500	0.0005<	1.600	36.000	73.0	0.0020<	0.0040	13.9	4<	0.0400	7.4
840305	1745	51507	0.0005<	0.800	34.000	68.0	0.0020<	0.0020	13.6	4<	0.0370	7.0
840510	1025	51513	0.0005<	0.900	34.000	61.0	0.0020<	0.0020	14.0	4<	0.0760	7.1
840612	1155	51519	0.0005<	0.800	32.000	61.0	0.0020<	0.0020	11.3	4	0.0480	7.2
840717		51526	0.0005<	0.600	36.000	60.0	0.0020<	0.0020		4	0.0550	7.0
840814	1115	51533	0.005 <	0.700	33.000	62.0	0.002	0.003	8.0		0.048	7.2
840912	0920	51540	0.0005<	0.700	36.000	62.0	0.002 <	0.0016	8.4	4<	0.065	7.2
841016		51547	0.0005<	0.800	36.000	63.0	0.0020<	0.0024	10.5	4<	0.078	7.8
		MAXIMUM		1.600	36.000	73.0	0.002	0.0040	14.0	4	0.078	7.8
		ARITH MEAN		0.862	34.625	63.7	0.002	0.002	11.4	4	0.056	7.2
		GEOM MEAN		0.826	34.592	63.6		0.002	11.1		0.054	7.2
		MINIMUM		0.600	32.000	60.0	0.002	0.0016	8.0	4	0.0370	7.0
		STD DEV (GEOM #)		0.311	1.598	4.5		0.001	2.6		0.016	0.3
		# SAMP IN STATISTICS		8	8	8	1	8	7	2	8	8
		% SAMP (EXCLUDED)					87			71		

(C O N T D)

B.O.N./ SITE: HOMEY BAY
SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
STATION TYPE: LAKE

STATION ID: 19-0001-033-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 51 01 20.96 LONG: 093 49 02.36 U T M: 15 0442675.0 5652425.0 4 REGION: 06 DISTANCE: 285.651

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG	MANGANSE UNF.TOT. MG/L AS MN	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840110	0900	51500	4	0.5	30.000	0.050<	0.004	0.002 <	0.040	0.003	0.080	1.400
840305	1745	51507	4	1.0	28.000	0.050<	0.001	0.002 <	0.010	0.001	0.070	0.350
840510	1025	51513		5.0	25.000	0.050<	0.011	0.003	0.010	0.001	0.010<	0.380
840612	1155	51519	6	13.0	26.000	0.050<	0.006	0.002 <	0.010	0.001	0.010<	0.330
840717		51526	6	21.0	29.000	0.050<	0.006	0.002 <	0.010	0.001	0.010<	0.340
840814	1115	51533	6	23.0	24.000	0.05 <	0.047	0.002 <	0.020	0.002	0.010<	0.390
840912	0920	51540		16.5	27.000	0.050<	0.014	0.002 <	0.010<	0.002	0.010<	0.400
841016		51547		10.0	26.000	0.05	0.011	0.0020<	0.020	0.001	0.030	0.380
		MAXIMUM		23.0	30.000	0.05	0.047	0.003	0.040	0.003	0.080	1.400
		ARITH MEAN		11.2	26.875	0.05	0.012	0.003	0.017	0.001	0.060	0.496
		GEOM MEAN		6.3	26.808		0.008			0.001		0.433
		MINIMUM		0.5	24.000	0.05	0.001	0.003	0.010	0.001	0.030	0.330
		STD DEV (GEOM *)		8.7	2.031		0.015			0.001		0.366
		# SAMP IN STATISTICS		8	8	1	8	1	7	8	3	8
		% SAMP (EXCLUDED)				87		87	12		62	

*=INTERIM TEST-NAME:			PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TCMF	TCMFBK
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SILICATE UNF.REAC MG/L AS SI	SULPHATE UNF.REAC MG/L AS SO4	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML
840110	0900	51500	0.004	7.30	0.015	0.024	3.00	65.00	0.900	3.800	10AID	10AID
840305	1745	51507	0.003 <	7.40	0.005	0.016	1.00	60.00	0.900	4.100	10<	10<
840510	1025	51513	0.003 <	7.80	0.004	0.022	4.00	50.00	2.000	3.500	10AID	10<
840612	1155	51519	0.003 <	7.40	0.004	0.015	1.00	40.00	0.100	3.400	10<	320
840717		51526	0.003 <	7.50	0.002	0.011	2.00	60.00	0.100	3.100	20AID	440
840814	1115	51533	0.003 <	7.20	0.002	0.013	1.00	60.00	0.200	3.290		
840912	0920	51540	0.003 <	7.50	0.002	0.022	1.00	70.00	0.500	3.110	20AID	400
841016		51547	0.0030<	7.60	0.010	0.028	2.00	40.00	0.600	3.320		
		MAXIMUM	0.004	7.80	0.015	0.028	4.00	70.00	2.000	4.100	20	440
		ARITH MEAN	0.004	7.46	0.005	0.019	1.87	55.62	0.662	3.452	15	293
		GEOM MEAN		7.46	0.004	0.018	1.62	54.57	0.420	3.438		
		MINIMUM	0.004	7.20	0.002	0.011	1.00	40.00	0.100	3.100	10	10
		STD DEV (GEOM *)		0.18	0.005	0.006	1.13	11.16	0.630	0.344		
		# SAMP IN STATISTICS	1	8	8	8	8	8	8	8	4	4
		% SAMP (EXCLUDED)	87								33	33

(C O N T D)

1984 WATER QUALITY DATA REGION 6

STATION ID: 19-0001-033-01

B.O.W./ SITE: HONEY BAY
SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
STATION TYPE: LAKE

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 51 01 20.96 LONG: 093 49 02.36 U T M: 15 0442675.0 5652425.0 4 REGION: 06 DISTANCE: 285.651

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB TURBIDITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840110	0900	51500	0.75	0.0080
840305	1745	51507	0.25	0.0030
840510	1025	51513	0.80	0.0010<
840612	1155	51519	0.65	0.0010
840717		51526	0.65	0.0020
840814	1115	51533	0.45	0.0010<
840912	0920	51540	1.10	0.0017
841016		51547	0.85	0.0010
		MAXIMUM	1.10	0.0080
		ARITH MEAN	0.69	0.0028
		GEOM MEAN	0.64	
		MINIMUM	0.25	0.0010
		STD DEV (GEOM *)	0.26	
		# SAMP IN STATISTICS	8	6
		% SAMP (EXCLUDED)		25

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: AT MINNITAKI SIDEROAD
STATION TYPE: RIVER

STATION ID: 19-0001-035-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 49 51 02.00 LONG: 093 05 22.99 U T M: 15 0493550.0 5521800.0 4 REGION: 06 DISTANCE: 235.280

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CLIDUR	COLTR	COND25	CUUT	DIC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	COLOUR TRUE HZU	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	CARBON DISOLVED INORGAN. MG/L AS C
840109	1440	51002	0.30	0101	87.0	0.0019	5.20	58.000	267.000	410.0	0.0040	
840305	1410	51006	0.30	0101	73.0	0.0010<	4.00	49.000		363.0	0.0050	
840509	1300	51010	0.30	0101	56.0	0.0010	1.40	25.000	203.000	220.0	0.0050	
840611	1600	51014	0.30	0101	56.0	0.0010	1.20	16.000	155.000	186.0	0.0040	
840716	1515	51018	0.30	0101	58.0	0.0010<	1.00	41.000	195.000	273.0	0.0040	
840813	1350	51022	0.30	0103	57.0	0.0011	1.40	44.000	178.000	289.0	0.0030	
840911	1450	51026	0.30	0101	64.0	0.0010	1.40	55.000	202.000	336.0	0.0038	
841015	1520	51030	0.30	0101	71.0		2.20	85.000	372.000	442.0	0.0058	20.6
841105	1340	51034	0.30	0101	66.0		2.00	65.000	269.000	363.0	0.0027	
		MAXIMUM	0.30		87.0	0.0019	5.20	85.000	372.000	442.0	0.0058	20.6
		ARITH MEAN	0.30		65.3	0.0012	2.20	48.667	230.125	320.2	0.0041	20.6
		GEOM MEAN			64.7		1.89	44.040	221.975	309.3	0.0040	
		MINIMUM	0.30		56.0	0.0010	1.00	16.000	155.000	186.0	0.0027	20.6
		STD DEV (GEOM #)			10.4		1.44	20.682	69.817	85.2	0.0010	
		# SAMP IN STATISTICS	9		9	5	9	9	8	9	9	1
		% SAMP (EXCLUDED)				28						

#=INTERIM TEST-NAME:			DO	DOC	ECMF	FCMF	FEUT	FMPH	FWSTRC	FWTEMP	HARDT	HGUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	ESCH'IA COLI MF CNT /100ML	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CACO3	MERCURY UNF.TOT. UG/L AS HG
840109	1440	51002	13.2			15000>	0.6700	7.1	4	1.0	88.000	
840305	1410	51006	11.3			600C	6.000	7.0	4	1.0	80.000	
840509	1300	51010	11.1			100<	3.4000	7.2		6.0	72.000	0.011
840611	1600	51014	9.4			100AID	2.4000	7.0	9 3	16.0	64.000	0.032
840716	1515	51018	4.7	16.5		1500C	0.9700	7.3	6 0	21.0	80.000	0.019
840813	1350	51022	3.0	15.5			0.9500	6.9	0 6	23.4	83.000	0.0320
840911	1450	51026	5.2				0.7800	7.1	9	17.0	87.000	
841015	1520	51030	5.6	23.5	10C		1.0000	7.1	6 0 9	13.0	99.000	0.0510
841105	1340	51034	11.3	19.0	1000		0.8700	7.2	4	1.5	95.000	0.013
		MAXIMUM	13.2	23.5	1000	1500	6.000	7.3		23.4	99.000	0.0510
		ARITH MEAN	8.3	18.6	505	733	1.893	7.1		11.1	83.111	0.026
		GEOM MEAN	7.5	18.4	100		1.399	7.1		6.3	82.459	0.023
		MINIMUM	3.0	15.5	10	100	0.6700	6.9		1.0	64.000	0.011
		STD DEV (GEOM #)	3.7	3.6	26#		1.793	0.1		8.9	10.845	0.015
		# SAMP IN STATISTICS	9	4	2	3	9	9		9	9	6
		% SAMP (EXCLUDED)				40						

(C O N T D)

B.O.M./ SITE: WABIGOON RIVER
SAMPLE POINT: AT MINNITAKI SIDEROAD
STATION TYPE: RIVER

STATION ID: 19-0001-035-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER
STORET CODE: 05 001 1890

LAT: 49 51 02.00 LONG: 093 05 22.99 U T M: 15 0493550.0 5521800.0 4 REGION: 06 DISTANCE: 235.280

*=INTERIM TEST-NAME:			MNUT	NIUT	NH4TFR	NO2FR	NO3FR	NKTKUR	PH	PHNOL	PO4FR	PPUT
			MANGANSE	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL		PHENOLS	PO4	PHOSPHOR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS MN	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	PH	UNF-REAC UG/L PHENOL	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P
840109	1440	51002	0.089	0.002 <	0.120	0.014	0.050	1.200	7.10		0.014	0.120
840305	1410	51006	0.078	0.002	0.100	0.014	0.060	1.100	7.20		0.010	0.085
840509	1300	51010	0.091	0.007	0.060	0.012	0.240	2.000	7.50		0.024	0.120
840611	1600	51014	0.062	0.002 <	0.060	0.010	0.030	0.750	7.50		0.019	0.083
840716	1515	51018	0.046	0.002 <	0.090	0.013	0.070	0.770	7.30	1.8	0.020	0.081
840813	1350	51022	0.090	0.002	0.170	0.015	0.050	0.760	7.20	1.2	0.052	0.110
840911	1450	51026	0.071	0.002 <	0.140	0.016	0.030	0.740	7.40	2.6	0.042	0.096
841015	1520	51030	0.140	0.0030	0.100	0.018	0.010<	1.000	7.20	4.0	0.016	0.130
841105	1340	51034	0.082	0.002 <	0.040	0.016	0.080	0.800	7.40	7.0	0.010	0.088
		MAXIMUM	0.140	0.007	0.170	0.018	0.240	2.000	7.50	7.0	0.052	0.130
		ARITH MEAN	0.083	0.003	0.098	0.014	0.076	1.013	7.31	3.3	0.023	0.101
		GEOM MEAN	0.080		0.090	0.014		0.959	7.31	2.7	0.020	0.100
		MINIMUM	0.046	0.002	0.040	0.010	0.030	0.740	7.10	1.2	0.010	0.081
		STD DEV (GEOM *)	0.026		0.041	0.002		0.406	0.15	2.3	0.015	0.019
		# SAMP IN STATISTICS	9	4	9	9	8	9	9	5	9	9
		% SAMP (EXCLUDED)		55			11					

*=INTERIM TEST-NAME:			P3DICA	P3PICL	P3SILV	P324D	P324DB	P324DP	P3245T	RSF	RSP	RST
										RESIDUE	RESIDUE	RESIDUE
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DICAMBA NG/L	PICLORAM NG/L	SILVEX NG/L	2,4-D NG/L	2,4-DB NG/L	2,4-DP NG/L	2,4,5-T NG/L	FILTERED MG/L	PARTIC. MG/L	TOTAL MG/L
840109	1440	51002									6.00	310.00
840305	1410	51006									5.00	250.00
840509	1300	51010									50.00	27.00
840611	1600	51014									30.00	170.00
840716	1515	51018								220.00	10.00	230.00
840813	1350	51022								215.00	15.00	230.00
840911	1450	51026								230.00	10.00	240.00
841015	1520	51030								325.00	15.00	340.00
841105	1340	51034	100<N	100<N	50<N	100<N	200<N	100<N	50<N	280.00	10.00	290.00
		MAXIMUM	100	100	50	100	200	100	50	325.00	50.00	340.00
		ARITH MEAN	100<A	100<A	50<A	100<A	200<A	100<A	50<A	254.00	16.78	231.89
		GEOM MEAN								250.68	12.93	196.92
		MINIMUM	100	100	50	100	200	100	50	215.00	5.00	27.00
		STD DEV (GEOM *)								47.36	14.48	91.77
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	5	9	9
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: AT MINNITAKI SIDEROAD
STATION TYPE: RIVER

STATION ID: 19-0001-035-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 49 51 02.00 LONG: 093 05 22.99 U T M: 15 0493550.0 5521800.0 4 REGION: 06 DISTANCE: 235.280

#=INTERIM TEST-NAME:			SIO3UR	SSO4UR	TCHF	TCHFBK	TURB	X3PCPH	X3234	X32345	X32356	X3245
			SILICATE	SULPHATE	COLIFORM TOTAL	COLIFORM TOTAL MF			2,3,4	2,3,4,5	2,3,5,6	2,4,5
SAMPLE			UNF.REAC	UNF.REAC	MF	BCKGRD		PENTACHL	TRCHLORO	TETRACHL	TRCHLORO	TRCHLORO
DATE	HOUR	SAMPLE	MG/L	MG/L	CNT	CNT	TURB'ITY	PHENOL	PHENOL	PHENOL	PHENOL	PHENOL
YYMMDD	LMT	NUMBER	AS SI	AS SO4	/100ML	/100ML	FTU	NG/L	NG/L	NG/L	NG/L	NG/L
840109	1440	51002		21.000	810000C	3000000	8.90					
840305	1410	51006		21.000	210000	150000	7.20					
840509	1300	51010		7.200	360000	40000AID	50.00					
840611	1600	51014		4.800	86000	18000	27.00					
840716	1515	51018	1.100	7.270	220000	120000	16.00	50<W	100<W	50<W	50<W	50<W
840813	1350	51022	1.700	7.070			16.00	50<W	100<W	50<W	50<W	50<W
840911	1450	51026	0.9000	10.100			17.00	50<W	100<W	50<W	50<W	50<W
841015	1520	51030	0.800	11.900	79000		18.00		100<W	50<W	560	50<W
841105	1340	51034		9.200	150000>		28.00	50<W	100<W	50<W	280<T	50<W
		MAXIMUM	1.700	21.000	810000	3000000	50.00	50	100	50	560	50
		ARITH MEAN	1.125	11.060	294167	665600	20.90	50<A	100<A	50<A	198<A	50<A
		GEOM MEAN	1.077	9.842		131203	17.91	50<A	100<A	50<A	114<A	50<A
		MINIMUM	0.800	4.800	79000	18000	7.20	50	100	50	50	50
		STD DEV (GEOM *)	0.403	5.990		7*	12.93	0<A	0<A	0<A	226<A	0<A
		# SAMP IN STATISTICS	4	9	6	5	9	4	5	5	5	5
		% SAMP (EXCLUDED)			14							

#=INTERIM TEST-NAME:			X3246	ZNUT
			2,4,6	ZINC
SAMPLE			TRCHLORO	UNF.TOT.
DATE	HOUR	SAMPLE	PHENOL	MG/L
YYMMDD	LMT	NUMBER	NG/L	AS ZN
840109	1440	51002		0.0140
840305	1410	51006		0.012
840509	1300	51010		0.0100
840611	1600	51014		0.0090
840716	1515	51018	700	0.0070
840813	1350	51022	1400	0.0050
840911	1450	51026	50<W	0.0068
841015	1520	51030	3100	0.0120
841105	1340	51034	1780	0.0073
		MAXIMUM	3100	0.0140
		ARITH MEAN	1406<A	0.009
		GEOM MEAN	770<A	0.009
		MINIMUM	50	0.0050
		STD DEV (GEOM *)	1156<A	0.003
		# SAMP IN STATISTICS	5	9
		% SAMP (EXCLUDED)		

B.O.M./ SITE: WABIGOON RIVER
SAMPLE POINT: HIGHWAY 609 NEAR QUIBELL
STATION TYPE: RIVER FLOW GAUGE FED 05QD006

STATION ID: 19-0001-036-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 49 57 29.81 LONG: 093 24 01.63 U T M: 15 0471275.0 5533850.0 4 REGION: 06 DISTANCE: 199.875

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CLIDUR	COLTR	COND25	CUUT	DIC
					ALK	ARSENIC	BOD 5 DAY	CHLORIDE		CONDUCT.	COPPER	CARBON DISOLVED
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS CL-	COLOUR TRUE HZU	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	INORGAN. MG/L AS C
840109	1450	51003	0.30	0101	50.0	0.0014	2.90	30.000	146.000	224.0	0.0030	
840305	1324	51007	0.30	0101	48.0	0.0010<	1.40	23.000		193.0	0.0030	
840509	1400	51011	0.30	0101	51.0	0.0010	1.40	29.000	85.000	224.0	0.0030	
840611	1450	51015	0.30	0101	56.0	0.0010<	1.00	17.000	157.000	196.0	0.0040	
840716		51019	0.30	0101	58.0	0.0010<	1.00	36.000	193.000	253.0	0.0030	
840813	1300	51023	0.30	0103	56.0	0.0012	1.20	44.000	183.000	286.0	0.0030	
840911	1244	51027	0.30	0101	61.0	0.0012	1.30	51.000	198.000	318.0	0.0021	
841015	1400	51031	0.30	0101	64.0		1.40	49.000	226.000	320.0	0.0046	17.3
841105	1320	51035	0.30	0101	40.0		1.00	25.000	385.000	184.0	0.0016	
		MAXIMUM	0.30		64.0	0.0014	2.90	51.000	385.000	320.0	0.0046	17.3
		ARITH MEAN	0.30		53.8	0.0012	1.40	33.778	196.625	244.2	0.0030	17.3
		GEOM MEAN			53.3		1.32	31.843	181.652	239.3	0.0029	
		MINIMUM	0.30		40.0	0.0010	1.00	17.000	85.000	184.0	0.0016	17.3
		STD DEV (GEOM #)			7.3		0.59	11.987	87.130	52.9	0.0009	
		# SAMP IN STATISTICS	9		9	4	9	9	8	9	9	1
		% SAMP (EXCLUDED)				42						

#=INTERIM TEST-NAME:			DO	DOC	ECMF	FCMF	FEUT	FWPH	FWSTRC	FWTEMP	HARDT	HGUT
			DISOLVED	CARBON DISOLVED	ESCH'IA	FECAL COLIFORM	IRON				HARDNESS	MERCURY
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	OXYGEN MG/L AS O	ORGANIC MG/L AS C	COLI MF CNT /100ML	MF CNT /100ML	UNF.TOT. MG/L AS FE	PH FIELD	STREAM COND.	WATER TEMP DEG.C	TOTAL MG/L AS CACO3	UNF.TOT. UG/L AS HG
840109	1450	51003	13.8			200AID	0.4000	7.0	4	0.5	54.000	
840305	1324	51007	12.2			200AID	0.4000	7.0	4	1.0	53.000	
840509	1400	51011	10.0			10<	0.7400			8.0	65.000	0.016
840611	1450	51015	8.7			10AID	1.6000	7.2	9 3	17.0	66.000	0.027
840716		51019	6.8	15.5		20	0.7700	7.3	9	22.5	78.000	0.017
840813	1300	51023	6.0	15.6			0.6500	7.1	0 6	25.0	79.000	0.0250
840911	1244	51027	8.1				0.7100	7.3	0 9	17.0	78.000	
841015	1400	51031	9.2	17.2	10AID		0.7900	7.3	6 0 9	11.5	80.000	0.0380
841105	1320	51035	12.6	13.1	120C		0.5800	7.3	6	1.0	54.000	0.016
		MAXIMUM	13.8	17.2	120	200	1.6000	7.3		25.0	80.000	0.0380
		ARITH MEAN	9.7	15.3	65	108	0.7378	7.2		11.5	67.444	0.023
		GEOM MEAN	9.4	15.3	35		0.6794	7.2		5.8	66.518	0.022
		MINIMUM	6.0	13.1	10	10	0.4000	7.0		0.5	53.000	0.016
		STD DEV (GEOM #)	2.7	1.7	6#		0.3551	0.1		9.5	11.685	0.009
		# SAMP IN STATISTICS	9	4	2	4	9	8		9	9	6
		% SAMP (EXCLUDED)				20						

(C O N T D)

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: HIGHWAY 609 NEAR QUIBELL
STATION TYPE: RIVER FLOW GAUGE FED 05QD006

STATION ID: 19-0001-036-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 49 57 29.81 LONG: 093 24 01.63 U T M: 15 0471275.0 5533850.0 4 REGION: 06 DISTANCE: 199.875

*=INTERIM TEST-NAME:		MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PH	PHNOL	PPO4FR	PPUT
		MANGANSE	NICKEL	NH3-N TOTAL	NO2-N	NO3-N	K'DAHL N TOTAL		PHENOLS	PO4	PHOSPHOR
SAMPLE DATE HOUR	SAMPLE	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC		UNF-REAC	FIL.REAC	UNF.TOT.
YYMMDD LMT	NUMBER	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	PH	UG/L PHENOL	MG/L AS P	MG/L AS P
840109 1450	51003	0.050	0.002<	0.040	0.007	0.020	0.670	7.00		0.007	0.044
840305 1324	51007	0.042	0.003	0.080	0.005	0.040	0.680	7.20		0.005	0.042
840509 1400	51011	0.034	0.004	0.100	0.008	0.059	0.420	7.40		0.011	0.072
840611 1450	51015	0.055	0.002<	0.070	0.015	0.040	0.840	7.40		0.022	0.076
840716	51019	0.058	0.002<	0.060	0.014	0.030	0.770	7.50	1.0	0.029	0.071
840813 1300	51023	0.085	0.002<	0.180	0.030	0.070	0.660	7.30	0.8	0.070	0.100
840911 1244	51027	0.057	0.002<	0.150	0.023	0.090	0.740	7.50	1.6	0.041	0.082
841015 1400	51031	0.085	0.002<	0.200	0.016	0.050	0.850	7.50	1.4	0.022	0.080
841105 1320	51035	0.032	0.002<	0.030	0.008	0.050	0.620	7.40	2.6	0.006	0.048
MAXIMUM		0.085	0.004	0.200	0.030	0.090	0.850	7.50	2.6	0.070	0.100
ARITH MEAN		0.055	0.003	0.101	0.014	0.050	0.694	7.36	1.5	0.024	0.068
GEOM MEAN		0.052		0.084	0.012	0.046	0.682	7.35	1.4	0.017	0.066
MINIMUM		0.032	0.003	0.030	0.005	0.020	0.420	7.00	0.8	0.005	0.042
STD DEV (GEOM *)		0.019		0.062	0.008	0.021	0.130	0.17	0.7	0.021	0.020
# SAMP IN STATISTICS		9	2	9	9	9	9	9	5	9	9
% SAMP (EXCLUDED)			77								

*=INTERIM TEST-NAME:		P3DICA	P3PICL	P3SILV	P324D	P324DB	P324DP	P3245T	RSF	RSP	RST
									RESIDUE	RESIDUE	RESIDUE
SAMPLE DATE HOUR	SAMPLE	DICAMBA	PICLORAM	SILVEX	2,4-D	2,4-DB	2,4-DP	2,4,5-T	FILTERED	PARTIC.	TOTAL
YYMMDD LMT	NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	MG/L	MG/L	MG/L
840109 1450	51003									3.00	170.00
840305 1324	51007									4.00	140.00
840509 1400	51011									10.00	270.00
840611 1450	51015									15.00	160.00
840716	51019								191.00	9.00	200.00
840813 1300	51023								203.00	7.00	210.00
840911 1244	51027								221.00	9.00	230.00
841015 1400	51031								210.00	10.00	220.00
841105 1320	51035	100<W	100<W	50<W	100<W	200<W	100<W	50<W	142.00	8.00	150.00
MAXIMUM		100	100	50	100	200	100	50	221.00	15.00	270.00
ARITH MEAN		100<A	100<A	50<A	100<A	200<A	100<A	50<A	193.40	8.33	194.44
GEOM MEAN									191.20	7.57	190.33
MINIMUM		100	100	50	100	200	100	50	142.00	3.00	140.00
STD DEV (GEOM *)									30.73	3.54	42.75
# SAMP IN STATISTICS		1	1	1	1	1	1	1	5	9	9
% SAMP (EXCLUDED)											

(C O N T D)

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: HIGHWAY 609 NEAR QUIBELL
STATION TYPE: RIVER FLOW GAUGE FED 05QD006

STATION ID: 19-0001-036-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 49 57 29.81 LONG: 093 24 01.63 U T M: 15 0471275.0 5533850.0 4 REGION: 06 DISTANCE: 199.875

*=INTERIM TEST-NAME:		SIO3UR	SSO4UR	TCMF	TCMFBK	TURB	X3PCPH	X3234	X32345	X32356	X3245
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SILICATE UNF.REAC MG/L AS SI	SULPHATE UNF.REAC MG/L AS SO4	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	PENTACHL PHENOL NG/L	2,3,4 TRCHLORO PHENOL NG/L	2,3,4,5 TETRACHL PHENOL NG/L	2,3,5,6 TRCHLORO PHENOL NG/L	2,4,5 TRCHLORO PHENOL NG/L
840109	1450	51003		10.000	52000	29000	6.20					
840305	1324	51007		9.200	98000	24000	5.10					
840509	1400	51011		8.100	100<	100AID	13.00					
840611	1450	51015		5.600	5100	5300	18.00					
840716		51019	1.000	6.900	600AID	6700	13.00	50<W	100<W	50<W	50<W	50<W
840813	1300	51023	1.800	6.700			6.10		100<W	50<W	50<W	50<W
840911	1244	51027	1.300	9.010			11.00	50<W	100<W	50<W	50<W	50<W
841015	1400	51031	0.600	11.400	3000C		14.00		100<W	50<W	50<W	50<W
841105	1320	51035		5.600	81000		14.00	50<W	100<W	50<W	130<T	50<W
	MAXIMUM		1.800	11.400	98000	29000	18.00	50	100	50	130	50
	ARITH MEAN		1.175	8.057	39950	13020	11.16	50<A	100<A	50<A	66<A	50<A
	GEOM MEAN		1.089	7.833		4771	10.26	50<A	100<A	50<A	61<A	50<A
	MINIMUM		0.600	5.600	600	100	5.10	50	100	50	50	50
STD DEV (GEOM *)			0.506	2.013		10*	4.42	0<A	0<A	0<A	36<A	0<A
# SAMP IN STATISTICS			4	9	6	5	9	3	5	5	5	5
% SAMP (EXCLUDED)					14							

*=INTERIM TEST-NAME:		X3246	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	2,4,6 TRCHLORO PHENOL NG/L	ZINC UNF.TOT. MG/L AS ZN
840109	1450	51003		0.0040
840305	1324	51007		0.0030
840509	1400	51011		0.0040
840611	1450	51015		0.0070
840716		51019	460<T	0.0040
840813	1300	51023	560	0.0030
840911	1244	51027	50<W	0.0043
841015	1400	51031	50<W	0.0064
841105	1320	51035	860	0.0025
	MAXIMUM		860	0.0070
	ARITH MEAN		396<A	0.0042
	GEOM MEAN		223<A	0.0040
	MINIMUM		50	0.0025
STD DEV (GEOM *)			348<A	0.0015
# SAMP IN STATISTICS			5	9
% SAMP (EXCLUDED)				

B.O.N./ SITE: SNIB CREEK
SAMPLE POINT: AT MOUTH ST.PAUL'S BAY
STATION TYPE: RIVER

STATION ID: 19-0001-037-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05 001 1890

LAT: 51 00 52.47 LONG: 093 53 06.91 U T M: 15 0437900.0 5651600.0 4 REGION: 06 DISTANCE: 295.790

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ACDT	ALKT	ASUT	AS3UR	AS5UR	BOD5	CCNAUR	CCNFUR
					ACIDITY	ALK				BOD	CYANIDE	CYANIDE
SAMPLE			SAMPLE	PROJECT	TOTAL	TOTAL	ARSENIC	ARSENITE	ARSENATE	5 DAY	AVAIL	FREE
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UNF.TOT.	UNF.REAC	UNF.REAC	TOT.DEM.	UNF.REAC	UNF.REAC
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS CACO3	MG/L AS AS	MG/L AS AS	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS HCN
840110	1130	51506	0.30	0103	6.000	33.0	0.0800			0.40	0.002<T	0.001<T
840612	0950	51525	0.30	0103	4.000	23.0	0.0660			0.90	0.001<W	0.001<W
840717	1200	51532	0.30	0101	3.000	24.0	0.0980	0.0010<	0.0670	1.10	0.004<T	0.001<W
840814	1045	51539	0.30	0101	10.000	28.0	0.150	0.0010<	0.1080	1.90	0.001<T	0.001<W
840911	0850	51546	0.30	0101	8.000	35.0	0.0340	0.0010<	0.0190	1.40	0.009	0.004<T
		MAXIMUM	0.30		10.000	35.0	0.150		0.1080	1.90	0.009	0.004
		ARITH MEAN	0.30		6.200	28.6	0.086		0.0647	1.14	0.003<A	0.002<A
		GEOM MEAN			5.650	28.2	0.077		0.0516	1.01	0.002<A	0.001<A
		MINIMUM	0.30		3.000	23.0	0.0340		0.0190	0.40	0.001	0.001
		STD DEV (GEOM *)			2.864	5.3	0.043		0.0445	0.56	0.003<A	0.001<A
		# SAMP IN STATISTICS	5		5	5	5		3	5	5	5
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			CDUT	CLIDUR	COLAP	COLTR	COND25	COUT	CRUT	CUUT	DO	FEUT
			CADMIUM	CHLORIDE			CONDUCT.	COBALT	CHROMIUM	COPPER	DISOLVED	IRON
SAMPLE			UNF.TOT.	UNF.REAC	COLOUR	COLOUR	25C	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L	APPARENT	TRUE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS CD	AS CL-	HZU	HZU	AT 25 C	AS CO	AS CR	AS CU	AS O	AS FE
840110	1130	51506	0.0005<	7.600	55.000		139.0	0.0020<		0.0140		0.1600
840612	0950	51525	0.0005<	6.500	86.000		110.0	0.0020		0.0120	7.1	0.1900
840717	1200	51532	0.0005<	6.300		98.000	112.0	0.0030	0.0020<	0.0120	6.5	0.2800
840814	1045	51539	0.005 <	6.600	97.000		121.0	0.0020<	0.0020<	0.008	3.4	0.310
840911	0850	51546	0.0005<	3.400	73.000		99.0	0.0020<	0.0020<	0.0010	5.4	0.2200
		MAXIMUM		7.600	97.000	98.000	139.0	0.0030		0.0140	7.1	0.310
		ARITH MEAN		6.080	77.750	98.000	116.2	0.0025		0.009	5.6	0.232
		GEOM MEAN		5.872	76.074		115.5			0.007	5.4	0.225
		MINIMUM		3.400	55.000	98.000	99.0	0.0020		0.0010	3.4	0.1600
		STD DEV (GEOM *)		1.580	18.062		15.0			0.005	1.6	0.062
		# SAMP IN STATISTICS		5	4	1	5	2		5	4	5
		% SAMP (EXCLUDED)						60				

(C O N T D)

B.O.W./ SITE: SNIB CREEK
SAMPLE POINT: AT MOUTH ST.PAUL'S BAY
STATION TYPE: RIVER

STATION ID: 19-0001-037-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

LAT: 51 00 52.47 LONG: 093 53 06.91 U T M: 15 0437900.0 5651600.0 4 REGION: 06 DISTANCE: 295.790

*=INTERIM TEST-NAME:			FWPH	FWSTRC	FWTEMP	HARDT	HGUT	MNUT	NIUT	NNHTFR	NNO2FR	NNO3FR
						HARDNESS				NH3-N		
SAMPLE						TOTAL	MERCURY	MANGANSE	NICKEL	TOTAL	NO2-N	NO3-N
DATE	HOUR	SAMPLE	PH	STREAM	WATER TEMP	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC
YYMMDD	LMT	NUMBER	FIELD	COND.	DEG.C	MG/L AS CACO3	UG/L AS HG	MG/L AS MN	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N
840110	1130	51506				53.000	0.050<	0.030	0.013	0.100	0.005	0.050
840612	0950	51525	7.2	6	16.0	45.000	0.050<	0.029	0.005	0.020	0.001	0.010<
840717	1200	51532	7.0	6	20.0	48.000		0.039	0.004	0.040	0.005	0.010
840814	1045	51539	6.8	7	24.0	46.000	0.050<	0.067	0.008	0.070	0.003	0.010<
840911	0850	51546	6.8		13.5	43.000	0.050<	0.086	0.003	0.040	0.003	0.010<
		MAXIMUM	7.2		24.0	53.000		0.086	0.013	0.100	0.005	0.050
		ARITH MEAN	6.9		18.4	47.000		0.050	0.007	0.054	0.003	0.030
		GEOM MEAN	6.9		17.9	46.880		0.046	0.006	0.047	0.003	
		MINIMUM	6.8		13.5	43.000		0.029	0.003	0.020	0.001	0.010
		STD DEV (GEOM *)	0.2		4.6	3.808		0.025	0.004	0.031	0.002	
		# SAMP IN STATISTICS	4		4	5		5	5	5	5	2
		% SAMP (EXCLUDED)										60

*=INTERIM TEST-NAME:			NNTKUR	PBUT	PH	PPO4FR	PPUT	RSP	RST	SIO3UR	SSO4UR	TURB
			K'DAHL N TOTAL	LEAD		PO4	PHOSPHOR			SILICATE	SULPHATE	
SAMPLE			UNF.REAC	UNF.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	UNF.REAC	
DATE	HOUR	SAMPLE	MG/L	MG/L		MG/L	MG/L	PARTIC.	TOTAL	MG/L	MG/L	TURB'ITY
YYMMDD	LMT	NUMBER	AS N	AS PB	PH	AS P	AS P	MG/L	MG/L	AS SI	AS SO4	FTU
840110	1130	51506	0.800	0.004	6.60	0.010	0.033	4.00	110.00	1.200	20.000	1.40
840612	0950	51525	0.650	0.003 <	7.10	0.004	0.034	3.00	80.00	0.800	14.000	1.70
840717	1200	51532	0.790	0.0030<	6.90	0.010	0.037	5.00	100.00		13.700	1.90
840814	1045	51539	0.820	0.003 <	6.60	0.004	0.037	5.00	120.00		13.200	2.00
840911	0850	51546	0.700	0.003 <	7.00	0.005	0.045	1.00	95.00		5.320	1.60
		MAXIMUM	0.820	0.004	7.10	0.010	0.045	5.00	120.00	1.200	20.000	2.00
		ARITH MEAN	0.752	0.004	6.84	0.007	0.037	3.60	101.00	1.000	13.244	1.72
		GEOM MEAN	0.749		6.84	0.006	0.037	3.13	100.06	0.980	12.192	1.71
		MINIMUM	0.650	0.004	6.60	0.004	0.033	1.00	80.00	0.800	5.320	1.40
		STD DEV (GEOM *)	0.073		0.23	0.003	0.005	1.67	15.17	0.283	5.225	0.24
		# SAMP IN STATISTICS	5	1	5	5	5	5	5	2	5	5
		% SAMP (EXCLUDED)		80								

(C O N T D)

B.O.W./ SITE: SNIB CREEK STATION ID: 19-0001-037-02
SAMPLE POINT: AT MOUTH ST.PAUL'S BAY
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

LAT: 51 00 52.47 LONG: 093 53 06.91 U T M: 15 0437900.0 5651600.0 4 REGION: 06 DISTANCE: 295.790

#=INTERIM TEST-NAME:			ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS ZN
840110	1130	51506	0.0100
840612	0950	51525	0.0070
840717	1200	51532	0.0040
840814	1045	51539	0.0020
840911	0850	51546	0.0010<
		MAXIMUM	0.0100
		ARITH MEAN	0.0057
		GEOM MEAN	
		MINIMUM	0.0020
		STD DEV (GEOM #)	
		# SAMP IN STATISTICS	4
		% SAMP (EXCLUDED)	20

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
BLACK STURGEON RIVER	BLACK STURGEON RIVER	AT HIGHWAYS 11 AND 17	13.196	01-0092-001-02	2 B-03	89
BLACKBIRD CREEK	KIMBERLY CLARK EFFLUENT CANA	AT HIGHWAY 17	13.196	01-0074-001-02	2 L-02	80
CURRENT RIVER	CURRENT RIVER	AT CUMBERLAND STREET THUNDER BAY	0.483	01-0104-001-02	2 C-03	91
	CURRENT RIVER	AT HIGHWAYS 11 AND 17 THUNDER BAY	2.897	01-0104-002-02	2 D-03	94
DEAD HORSE CREEK	DEAD HORSE CREEK	AT HIGHWAY NO.17	2.253	01-0068-001-02	2 K-02	78
ENGLISH RIVER	BALMER CREEK	AT BALMER LAKE OUTLET	283.400	19-0001-016-02	3 M-01	172
	BALMER CREEK	500 FEET UPSTREAM OF CHUKUNI RIVER	278.731	19-0001-032-02	3 C-02	180
	CHUKUNI RIVER	DOWNSTREAM FROM BALMER CREEK	277.765	19-0001-015-02	3 L-01	169
	HOWEY BAY	500 FEET FROM SHORE, RED LAKE	285.651	19-0001-033-01	3 D-02	183
	RED LAKE	IN BRUCE CHANNEL NEAR FERRY CROSSING	288.030	19-0001-018-01	3 B-02	177
	SNIB CREEK	AT MOUTH ST.PAUL'S BAY	295.790	19-0001-037-02	3 G-02	192
	SNIB LAKE CREEK	AT SNIB LAKE OUTLET	299.008	19-0001-017-02	3 A-02	175
	TROUTLAKE RIVER	AT HIGHWAY NO 105	233.349	19-0001-008-02	3 G-01	159
	WABIGOON RIVER	UPSTR FROM GREAT LAKES FOREST PRODUCTS	265.017	19-0001-005-02	3 E-01	153
	WABIGOON RIVER	AT GOLF COURSE BRIDGE DRYDEN	264.408	19-0001-006-02	3 F-01	156
	WABIGOON RIVER	AT MINNITAKI SIDEROAD	235.280	19-0001-035-02	3 E-02	186
	WABIGOON RIVER	HIGHWAY 609 NEAR QUIBELL	199.875	19-0001-036-02	3 F-02	189
KAMINISTIQUIA RIVER	KAMINISTIQUIA RIVER	AT HIGHWAY NO 61B THUNDER BAY	6.759	01-0108-001-02	2 I-03	110
	KAMINISTIQUIA RIVER	UPSTREAM OF HIGHWAY NO 61 BRIDGE	8.851	01-0108-002-02	2 J-03	122
	KAMINISTIQUIA RIVER	MIDDLE OF TURNING BASIN	8.047	01-0108-003-02	2 K-03	125
	KAMINISTIQUIA RIVER	NEAR MOUTH THUNDER BAY	0.000	01-0108-004-02	2 L-03	127
	KAMINISTIQUIA RIVER	AT MISSION RIVER JUNCTION	4.023	01-0108-005-02	2 M-03	130
LAKE SUPERIOR	LAKE SUPERIOR	INSIDE EASTERN GAP THUNDER BAY	0.000	01-0000-001-01	2 A-01	1
	LAKE SUPERIOR	OFF MOUTH OF KAMINISTIQUIA RIVER	0.000	01-0000-002-01	2 B-01	3

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.N. INDEX	PAGE NO.
LAKE SUPERIOR	LAKE SUPERIOR	NEAR PULP MILL MISSION BAY THUNDER BAY	0.000	01-0000-003-01	2 C-01	5
	LAKE SUPERIOR	NEAR PROV.MILL,EASTERN GAP THUNDER BAY	0.000	01-0000-004-01	2 D-01	7
	LAKE SUPERIOR	NEAR ABITIBI THUNDER BAY PAPER MILL SLIP	0.000	01-0000-005-01	2 E-01	9
	LAKE SUPERIOR	AT ABITIBI THUNDER BAY PAPER MILL DITCH	0.000	01-0000-006-01	2 F-01	11
	LAKE SUPERIOR	3.5 MI.E.OF WELCOME ISL.LIGHTHOUSE	0.000	01-0000-007-01	2 G-01	13
	LAKE SUPERIOR	2.5 KILOMETERS EAST OF MCKELLAR ISLAND	0.000	01-0000-010-01	2 H-01	15
	LAKE SUPERIOR	2 KM EAST OF NORTHERN WOOD PRESERVES	0.000	01-0000-011-01	2 I-01	17
LITTLE PIC RIVER	LITTLE PIC RIVER	AT HIGHWAY 17	1.448	01-0067-001-02	2 J-02	69
MC INTYRE RIVER	MC INTYRE RIVER	HIGHWAY 11 & 17 CITY OF THUNDER BAY	1.931	01-0106-002-02	2 F-03	99
MC KELLAR RIVER	MC KELLAR RIVER	AT 104TH AVE THUNDER BAY	2.414	01-0109-001-02	2 A-04	133
	MC KELLAR RIVER	NEAR MOUTH CITY OF THUNDER BAY	0.161	01-0109-002-02	2 B-04	136
MC VICAR CREEK	MC VICAR CREEK	AT CUMBERLAND STREET THUNDER BAY	0.322	01-0105-001-02	2 E-03	96
MISSION RIVER	MISSION RIVER	NEAR MOUTH	0.322	01-0110-001-02	2 C-04	139
NEEBING RIVER	NEEBING RIVER	HWYS.11&17 WEST OF MAPLEWOOD SIDE ROAD	13.840	01-0107-002-02	2 G-03	102
NEED- MCINTYRE RIVER	NEED-MCINTYRE RIVER	DIVERSION AT 110TH AVE	0.960	01-0107-003-02	2 H-03	105
NIPIGON RIVER	NIPIGON RIVER	AT BRIDGE CAMERON FALLS	18.990	01-0090-001-02	2 M-02	84
	NIPIGON RIVER	AT HIGHWAY 17, NIPIGON	9.656	01-0090-002-02	2 A-03	86
PIC RIVER	BLACK RIVER	AT HIGHWAY 17	12.874	01-0060-002-02	2 L-01	31
	BLACK RIVER	AT HIGHWAY NO.614 SOUTH OF AGONZON	84.327	01-0060-003-02	2 M-01	38
	BLACK RIVER	1 MI.BELOW OUTLET OF MOSE L.ONT.P&P RD.	131.963	01-0060-004-02	2 A-02	41
	BLACK RIVER	ABOVE MOSE LAKE ON ONT.P&P ROAD	133.250	01-0060-006-02	2 C-02	47
	CEDAR CREEK	HWY 17	3.200	01-0060-010-02	2 G-02	59
	CEDAR CREEK	AT HYDROMETRIC STATION	6.720	01-0060-012-02	2 I-02	66
	FOX CREEK	AT HIGHWAY NO.614 MANITOUWADGE LAKE	136.951	01-0060-005-02	2 B-02	44

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
PIC RIVER	FOX CREEK	AT INFLOW TO MANITOWADGE LAKE	138.239	01-0060-008-02	2 E-02	53
	LITTLE BLACK RIVER	HWY 17	22.720	01-0060-009-02	2 F-02	56
	PIC RIVER	AT HIGHWAY 17	14.806	01-0060-001-02	2 K-01	21
	RUDDER CREEK	3 MI.W.OF HWY.614 ON AMERICAN CAN ROAD	96.742	01-0060-007-02	2 D-02	50
	WABIKOBA CREEK	HWY 17	0.320	01-0060-011-02	2 H-02	63
RAINY RIVER	RAINY RIVER	DOWNSTREAM OF EMO	302.813	19-0001-003-02	3 C-01	149
	RAINY RIVER	UPSTREAM FROM FORT FRANCES TOLL BRIDGE	341.506	19-0001-004-02	3 D-01	151
	RAINY RIVER	DNSTR.FROM CONFLUENCE WITH BAUDETTE R.	225.946	19-0001-009-02	3 H-01	161
	RAINY RIVER	UPSTR.FROM CONFLUENCE WITH BAUDETTE R.	228.521	19-0001-010-02	3 I-01	163
	RAINY RIVER	ABOVE EMO	308.606	19-0001-011-02	3 J-01	165
	RAINY RIVER	DOWNSTREAM FROM FORT FRANCES, NORTH	328.297	19-0001-012-02	3 K-01	167
WHITE RIVER	WHITE RIVER	AT HIGHWAY 17	77.246	01-0057-001-02	2 J-01	19
WINNIPEG RIVER	WINNIPEG RIVER	AT FIRST CPR BR.WEST OF MAIN ST.KENORA	94.949	19-0001-001-02	3 A-01	143
	WINNIPEG RIVER	NORTH-WEST OF OLD FORT ISLAND	92.213	19-0001-002-02	3 B-01	146